

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084332.D
 Acq On : 8 Jan 2016 17:14
 Operator : SJ/UM
 Sample : PB87699BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Manual Integrations
 APPROVED

Sohil
 1/10/2016 9:51:32 AM

Quant Time: Jan 09 00:17:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	230334	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	998420	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	473338	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	899249	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	688375	20.00	ng	-0.05
86) Perylene-d12	15.45	264	553245	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1491596	104.74	ng	-0.02
7) Phenol-d6	6.50	99	2085322	116.60	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1280221	71.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	544893	114.02	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2123634	78.44	ng	-0.05
78) Terphenyl-d14	12.97	244	2082033	67.51	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	218448	32.38	ng	# 74
3) Pyridine	3.25	79	641209	34.09	ng	# 71
4) n-Nitrosodimethylamine	3.21	42	354367	36.71	ng	# 77
6) Aniline	6.52	93	476888	18.23	ng	# 80
8) 2-Chlorophenol	6.65	128	660360	40.87	ng	98
9) Benzaldehyde	6.40	77	187647	16.11	ng	95
10) Phenol	6.52	94	677081	33.30	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	600291	38.11	ng	# 78
12) 1,3-Dichlorobenzene	6.80	146	637748m	38.26	ng	
13) 1,4-Dichlorobenzene	6.88	146	671341	40.17	ng	94
14) 1,2-Dichlorobenzene	7.02	146	576970	36.05	ng	96
15) Benzyl Alcohol	7.00	79	533804	35.48	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	987968	34.44	ng	84
17) 2-Methylphenol	7.13	107	533690	39.41	ng	95
18) Hexachloroethane	7.37	117	249385	37.31	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	438183	36.19	ng	# 72
20) 3+4-Methylphenols	7.28	107	612186	38.46	ng	# 73
22) Acetophenone	7.26	105	870131	36.24	ng	93
24) Nitrobenzene	7.45	77	709065	38.97	ng	89
25) Isophorone	7.69	82	1266572	36.92	ng	96
26) 2-Nitrophenol	7.76	139	315622	38.11	ng	# 78
27) 2,4-Dimethylphenol	7.80	122	580454	34.63	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	723150	34.51	ng	99
29) 2,4-Dichlorophenol	8.01	162	557112	39.90	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	561657	38.97	ng	# 96
31) Naphthalene	8.17	128	1797383	39.68	ng	100
32) Benzoic acid	7.92	122	264547	27.59	ng	92
33) 4-Chloroaniline	8.21	127	208506	10.04	ng	97
34) Hexachlorobutadiene	8.28	225	301470	36.38	ng	97
35) Caprolactam	8.59	113	186126m	39.54	ng	
36) 4-Chloro-3-methylphenol	8.70	107	605629	38.72	ng	92
37) 2-Methylnaphthalene	8.85	142	1169307	35.96	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	525979	38.65	ng	98
40) Hexachlorocyclopentadiene	9.01	237	583637	71.05	ng	99

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Quant Time: Jan 09 00:17:07 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	387420	38.05	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	384307	39.38	ng #	91
45) 1,1'-Biphenyl	9.32	154	1401967	37.27	ng	99
46) 2-Chloronaphthalene	9.34	162	1043968	35.33	ng	96
47) 2-Nitroaniline	9.45	65	435271	44.63	ng #	82
48) Acenaphthylene	9.77	152	1710440	39.18	ng	98
49) Dimethylphthalate	9.63	163	1416960	41.87	ng #	90
50) 2,6-Dinitrotoluene	9.69	165	299920	40.41	ng #	62
51) Acenaphthene	9.94	154	1266808	43.26	ng	97
52) 3-Nitroaniline	9.86	138	178358	19.39	ng #	67
53) 2,4-Dinitrophenol	9.96	184	253176	80.08	ng #	89
54) Dibenzofuran	10.11	168	1589365	41.69	ng	99
55) 4-Nitrophenol	10.03	139	452019	67.71	ng #	80
56) 2,4-Dinitrotoluene	10.09	165	369522	39.34	ng #	83
57) Fluorene	10.45	166	1214198	41.20	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	320132	38.42	ng	95
59) Diethylphthalate	10.33	149	1298105	38.91	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	555583	44.88	ng	96
61) 4-Nitroaniline	10.48	138	345360	42.13	ng	92
62) Azobenzene	10.60	77	1483761	40.55	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	211532	38.51	ng	93
65) n-Nitrosodiphenylamine	10.57	169	1117809	38.88	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	392967	40.60	ng #	92
67) Hexachlorobenzene	10.99	284	377494	34.65	ng #	78
68) Atrazine	11.09	200	387394	41.17	ng	97
69) Pentachlorophenol	11.20	266	407476	72.14	ng	99
70) Phenanthrene	11.41	178	1958766	41.64	ng	98
71) Anthracene	11.46	178	1742378	37.79	ng	98
72) Carbazole	11.62	167	1757968	39.00	ng	98
73) Di-n-butylphthalate	11.95	149	2000455	40.73	ng #	96
74) Fluoranthene	12.59	202	1841665	37.48	ng	98
76) Benzidine	12.72	184	668236	27.07	ng	99
77) Pyrene	12.82	202	1864194	34.51	ng	98
79) Butylbenzylphthalate	13.45	149	935683	40.03	ng	96
80) Benzo(a)anthracene	14.01	228	1476713	36.53	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	311664	22.09	ng #	94
82) Chrysene	14.04	228	1461283	37.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1111652	37.64	ng #	98
84) Di-n-octyl phthalate	14.61	149	1887264	37.85	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1149168	37.32	ng	100
87) Benzo(b)fluoranthene	15.04	252	1268093	35.04	ng #	96
88) Benzo(k)fluoranthene	15.07	252	1319589m	44.58	ng	
89) Benzo(a)pyrene	15.39	252	1212514	39.50	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	954437	36.13	ng #	95
91) Benzo(g,h,i)perylene	17.27	276	971454	35.51	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

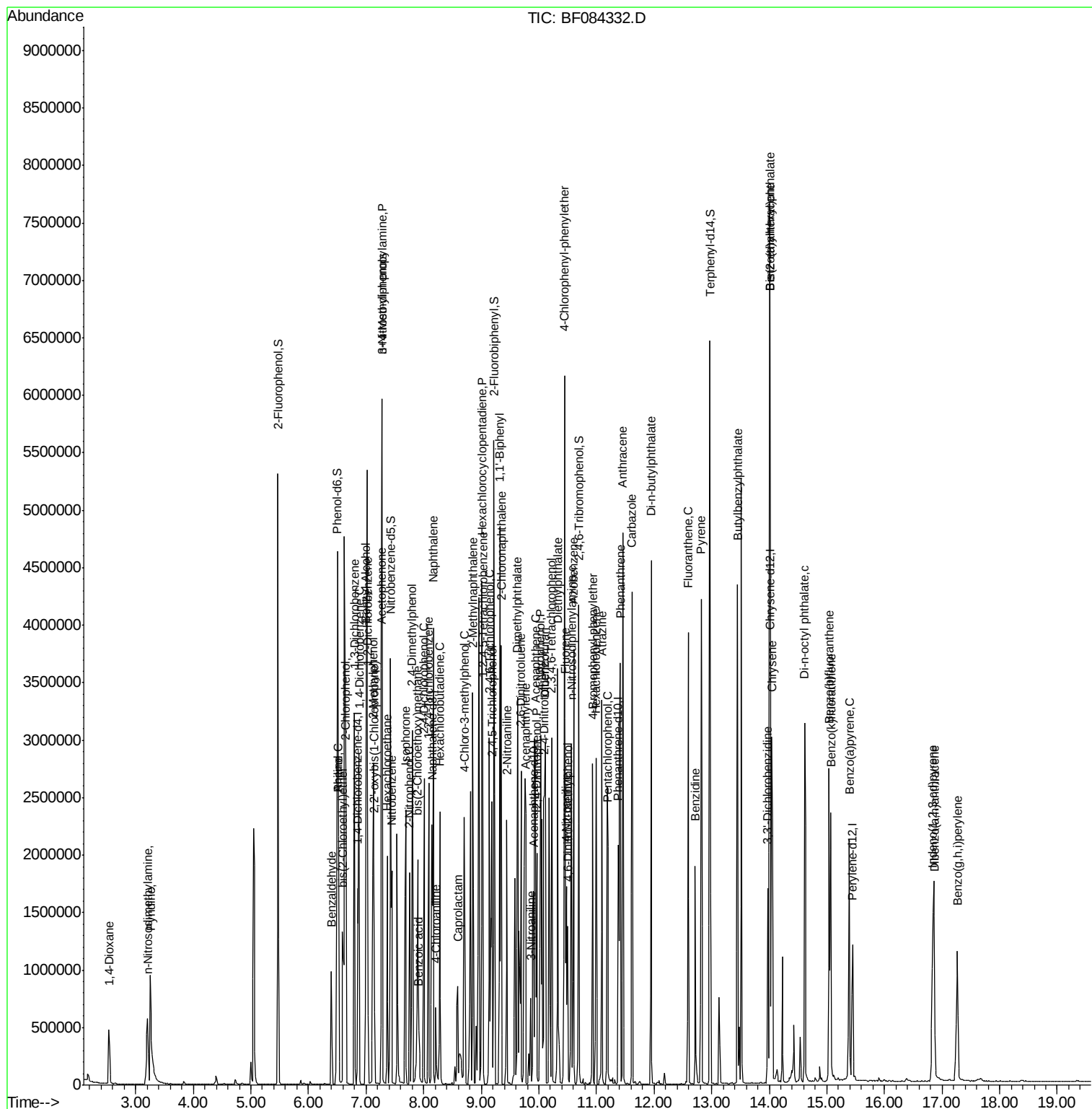
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#1

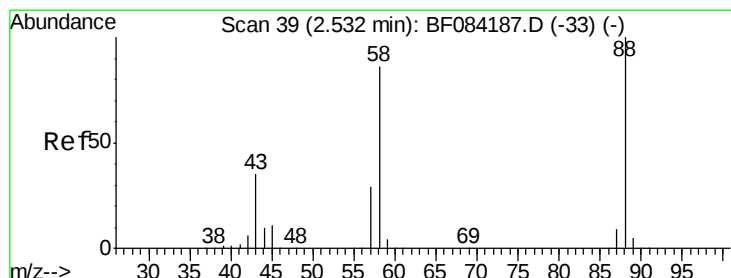
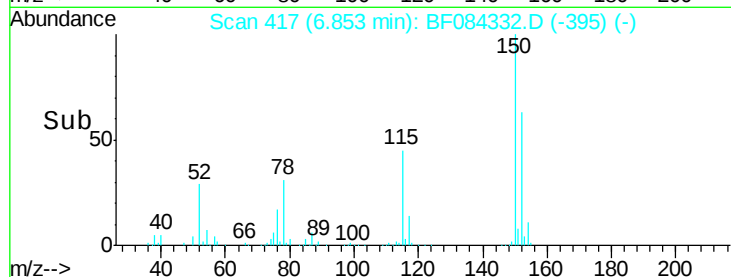
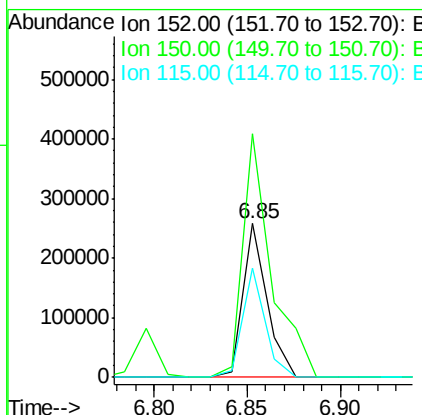
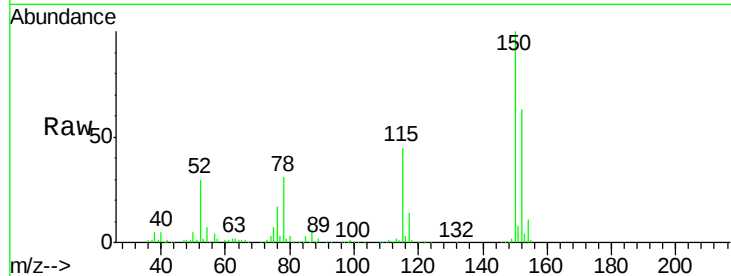
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampled :
PB87699BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.4
115	71.3	51.4	77.2

Manual Integrations
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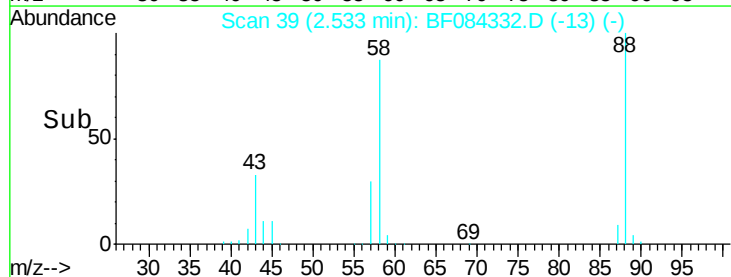
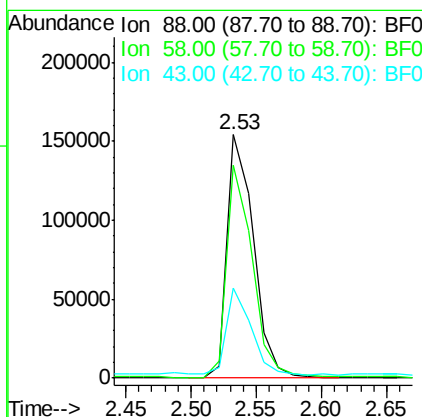
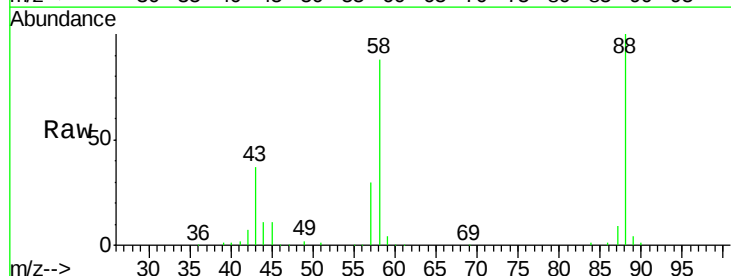
Sohil
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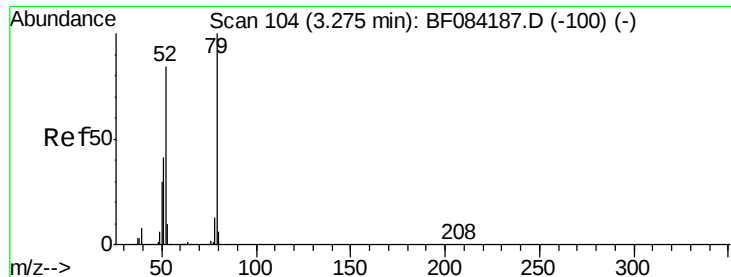


#2

1,4-Dioxane
Concen: 32.38 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.00 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	51.2	76.8#
43	34.4	19.5	29.3#





#3

Pyridine

Concen: 34.09 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

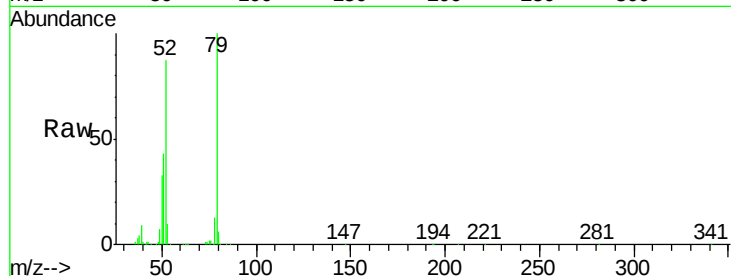
ClientSampleId :

PB87699BS

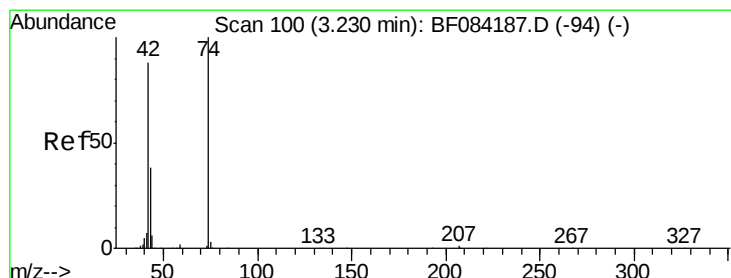
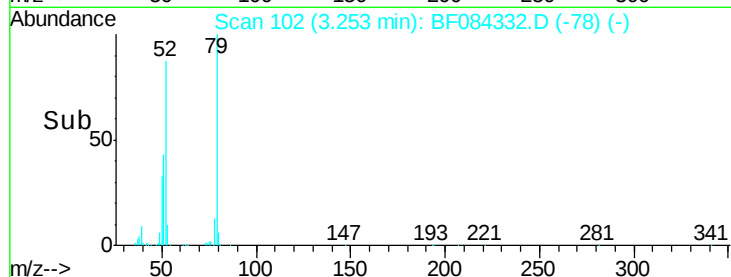
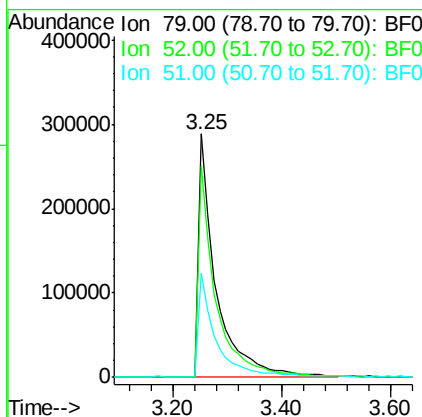
Manual Integrations
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.0	49.0	73.4#
51	42.9	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 36.71 ng

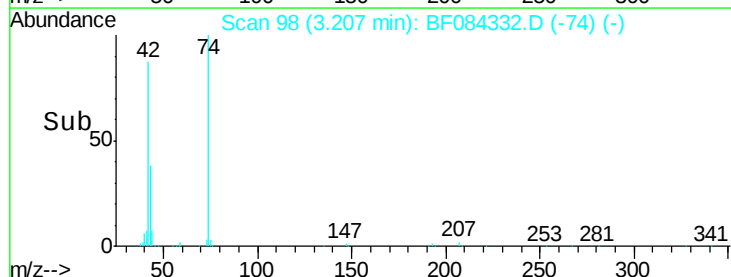
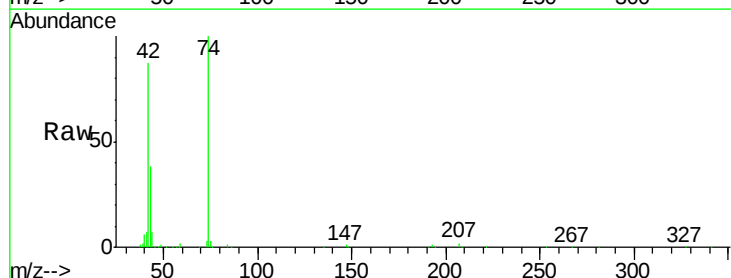
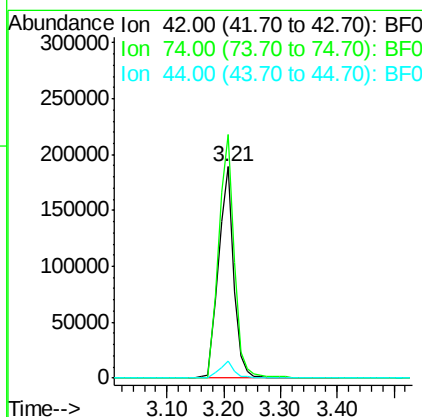
RT: 3.21 min Scan# 98

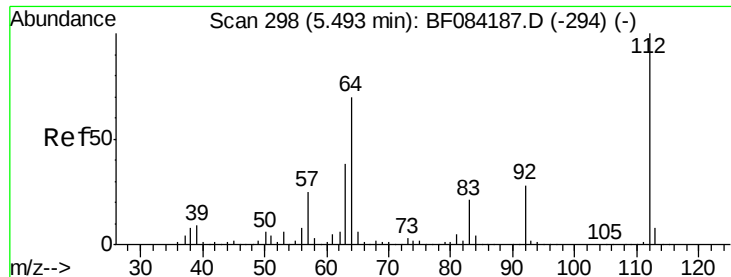
Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.1	115.7	173.5#
44	7.9	5.1	7.7#





#5

2-Fluorophenol

Concen: 104.74 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion: 112 Resp: 1491596

Ion Ratio Lower Upper

112 100

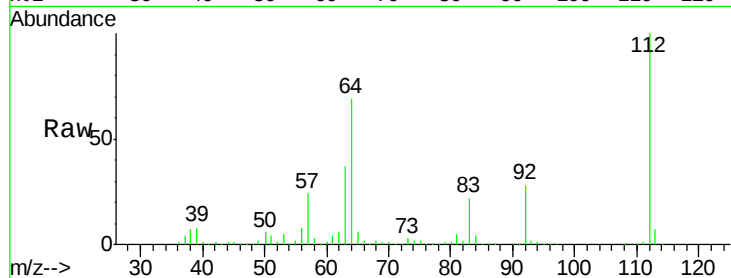
64 69.1 36.6 55.0#

63 36.9 19.4 29.0#

Manual Integrations
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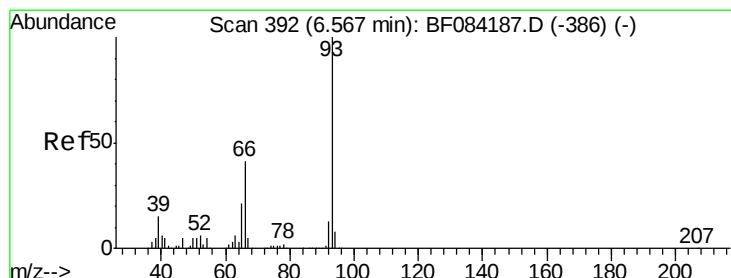
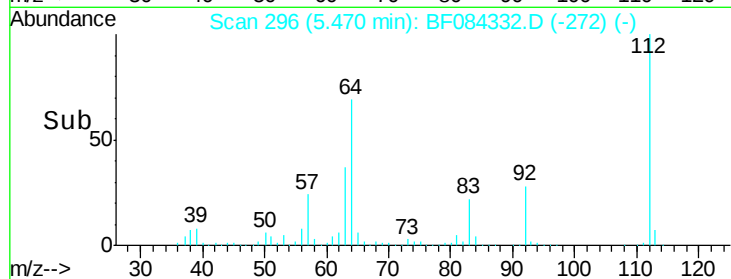
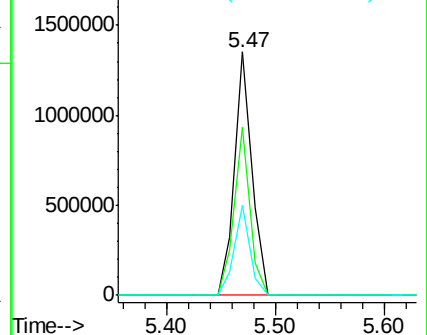
1/10/2016 9:51:32 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.23 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

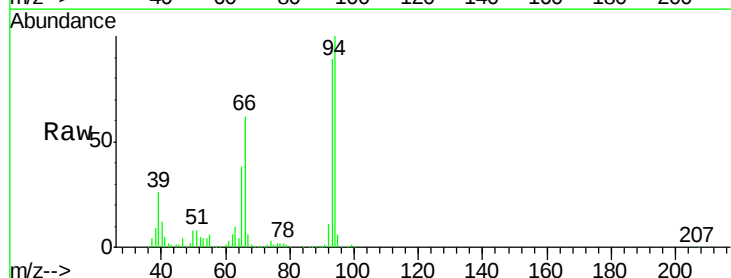
Tgt Ion: 93 Resp: 476888

Ion Ratio Lower Upper

93 100

66 69.0 44.9 67.3#

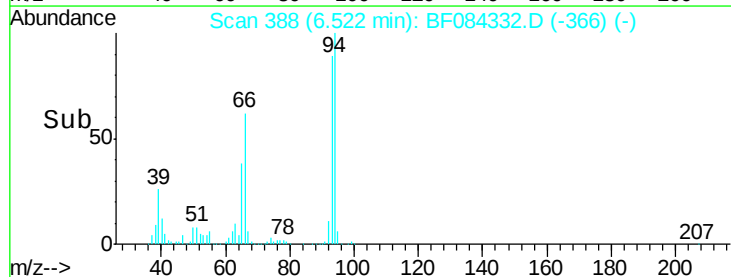
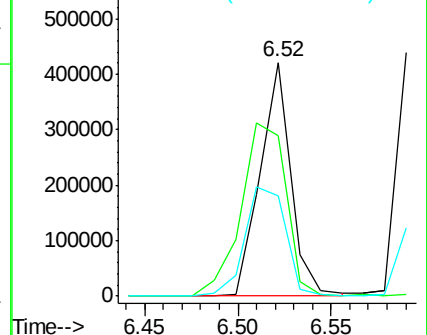
65 42.8 23.7 35.5#

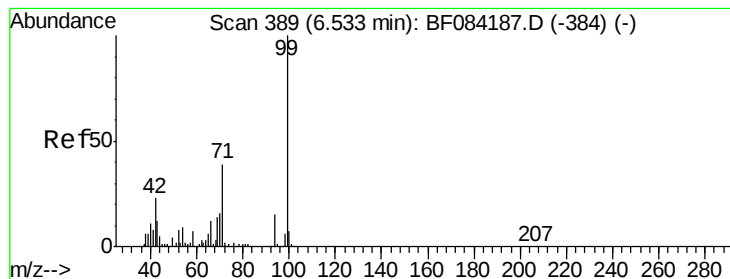


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.60 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion: 99 Resp: 2085322

Ion Ratio Lower Upper

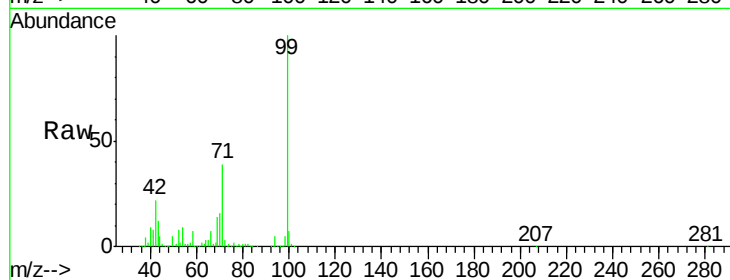
99 100

42 22.1 12.8 19.2#

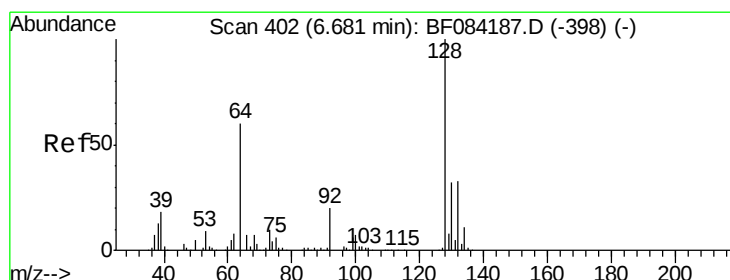
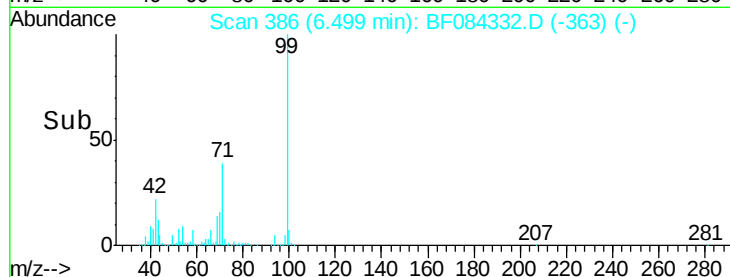
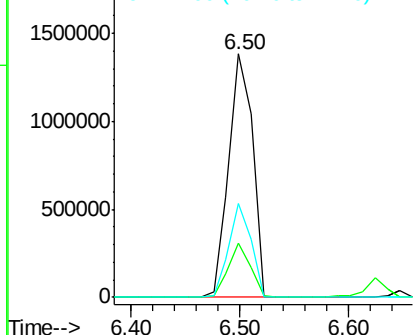
71 38.7 30.9 46.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.87 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

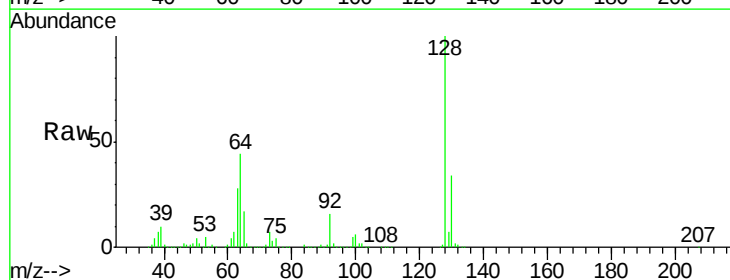
Tgt Ion: 128 Resp: 660360

Ion Ratio Lower Upper

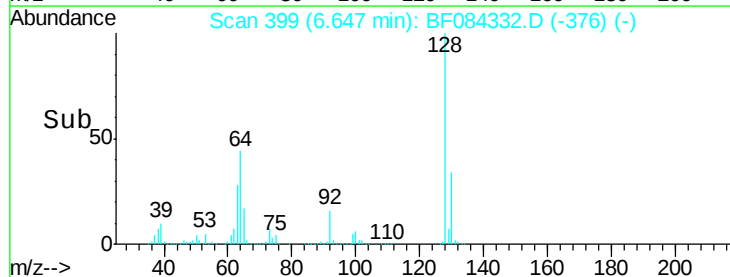
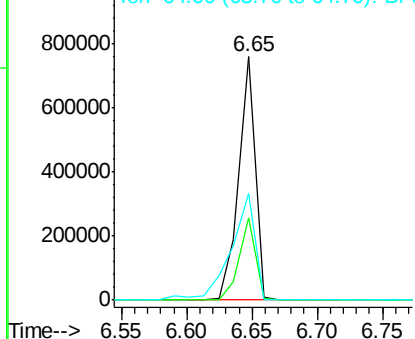
128 100

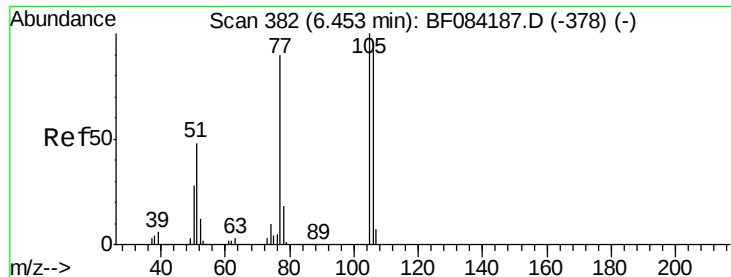
130 33.6 11.6 51.6

64 43.7 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.11 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF084332.D

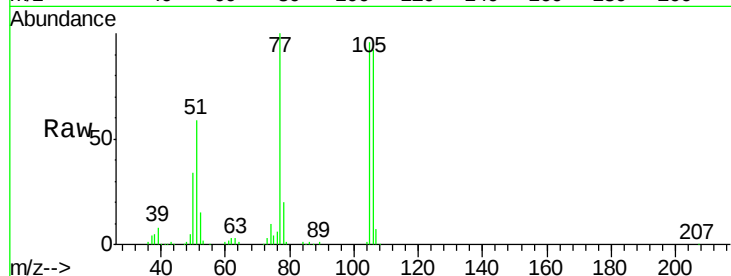
Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampled :

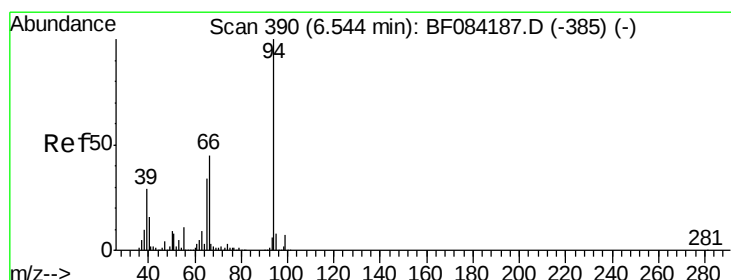
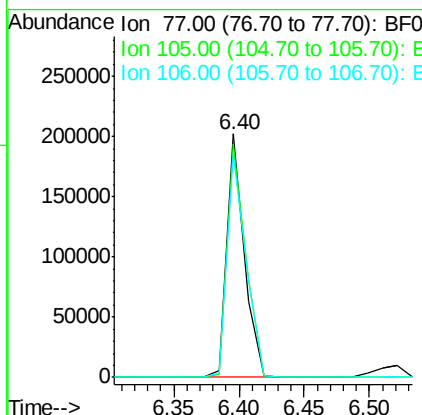
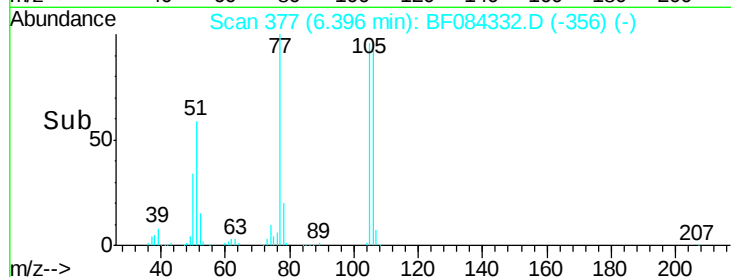
PB87699BS



Tgt Ion:	77	Resp:	187647
Ion Ratio	Lower	Upper	
77	100		
105	95.6	83.0	123.0
106	91.8	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 33.30 ng

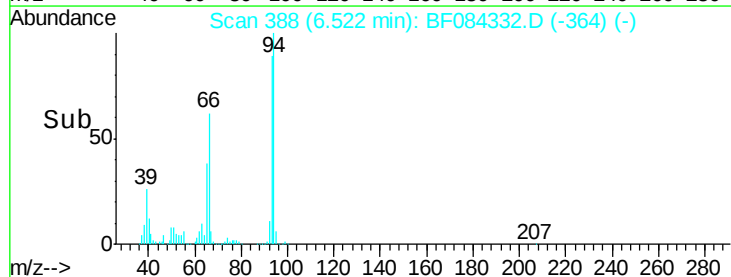
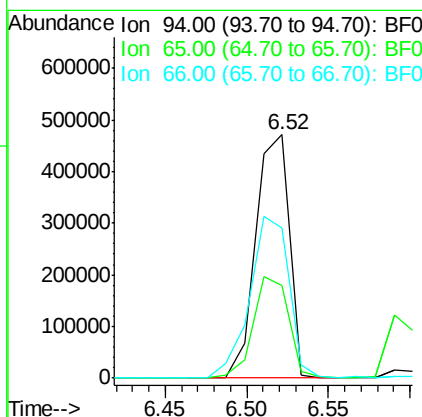
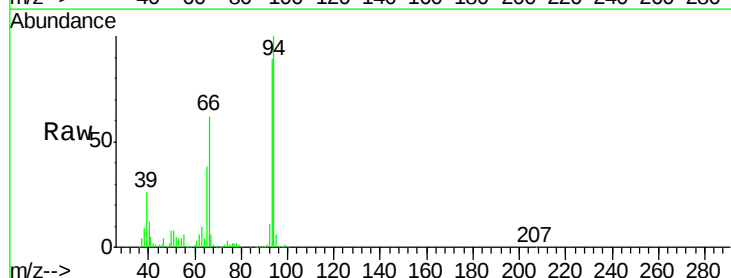
RT: 6.52 min Scan# 388

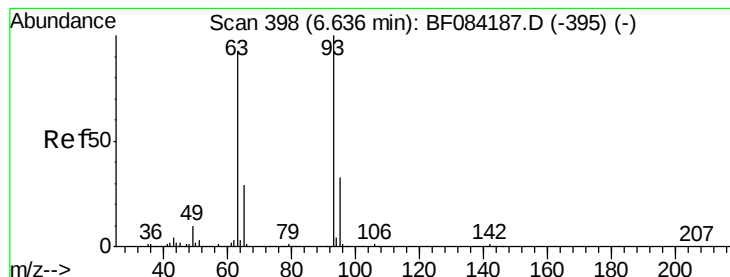
Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	94	Resp:	677081
Ion Ratio	Lower	Upper	
94	100		
65	38.2	12.9	52.9
66	61.6	32.7	72.7





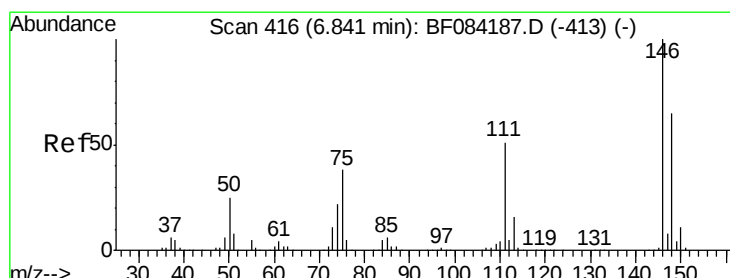
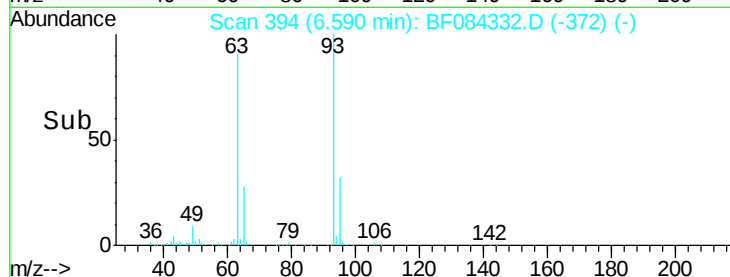
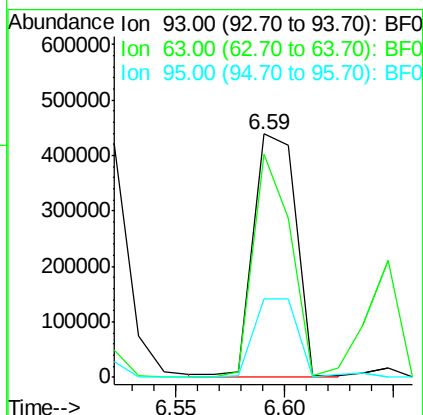
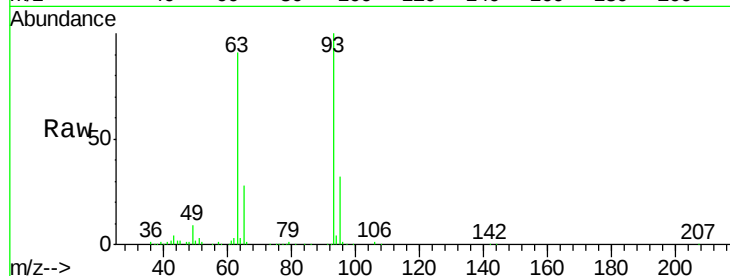
#11
bis(2-Chloroethyl)ether
Concen: 38.11 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	91.5	45.9	85.9#
95	32.1	12.3	52.3

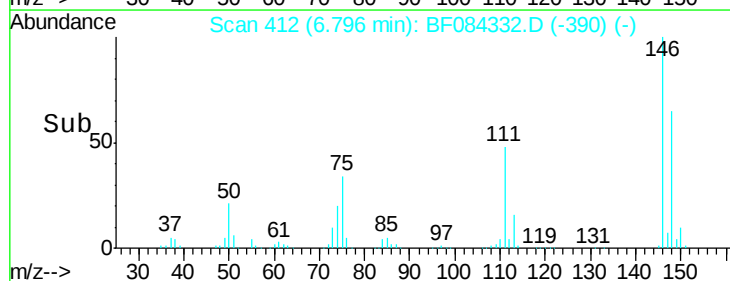
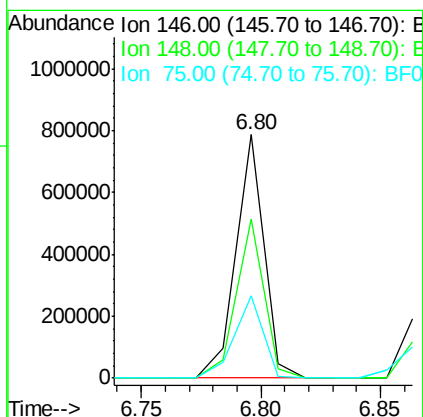
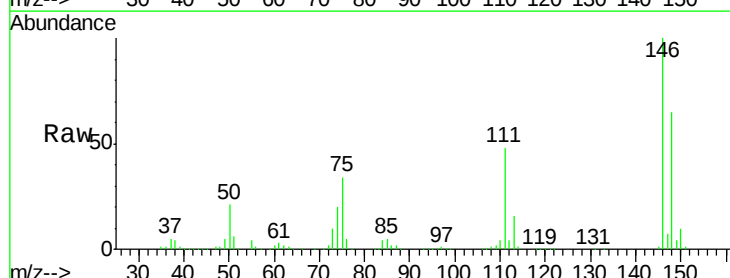
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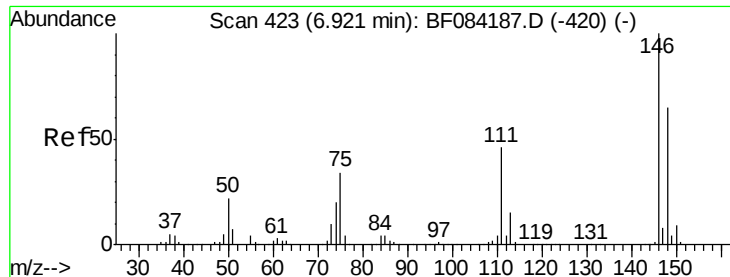
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.26 ng m
RT: 6.80 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	34.0	20.5	30.7#





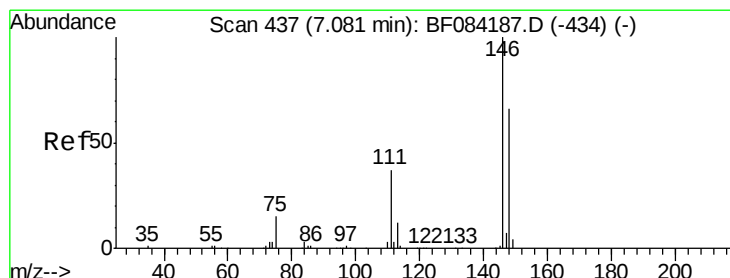
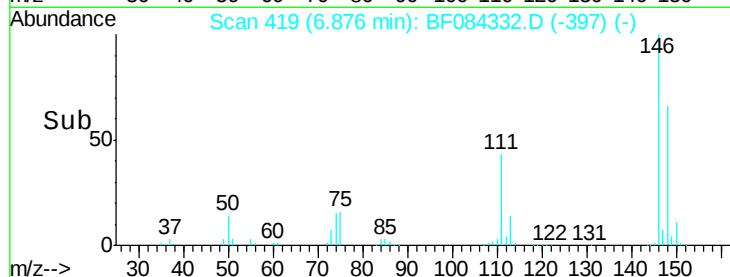
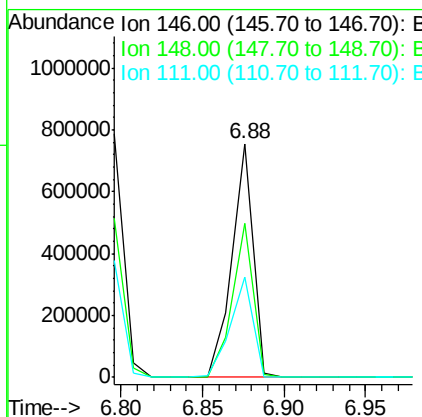
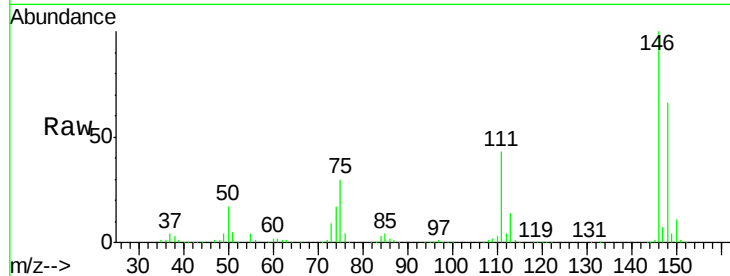
#13
 1,4-Dichlorobenzene
 Concen: 40.17 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	43.1	41.6	62.4

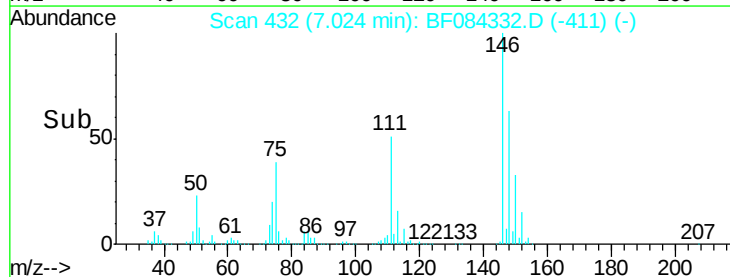
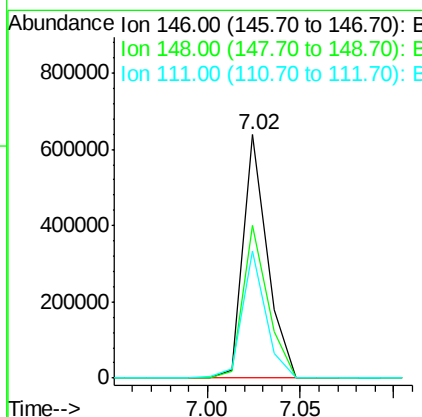
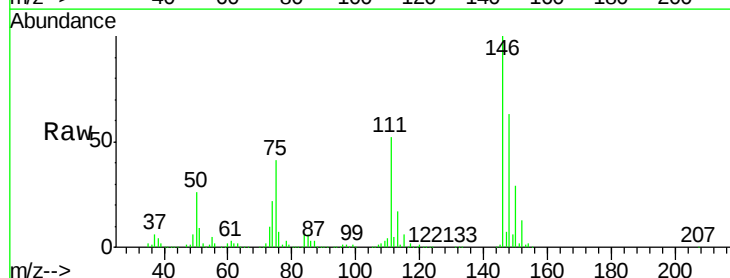
Manual Integrations
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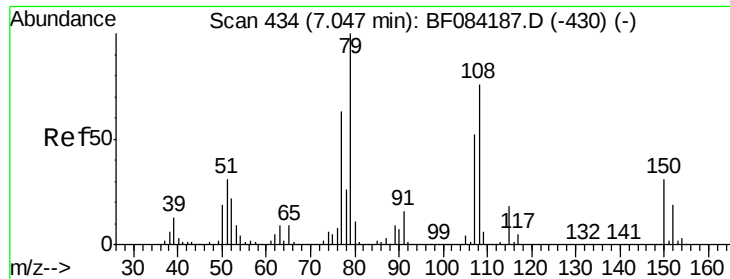
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#14
 1,2-Dichlorobenzene
 Concen: 36.05 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	52.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 35.48 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

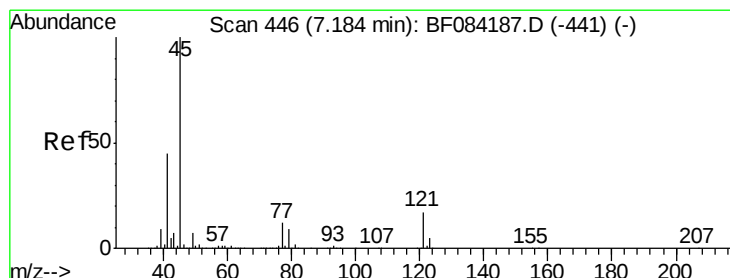
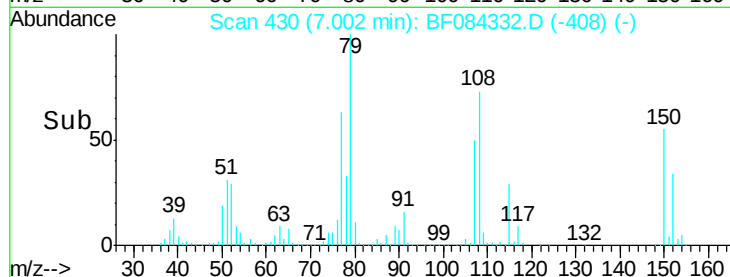
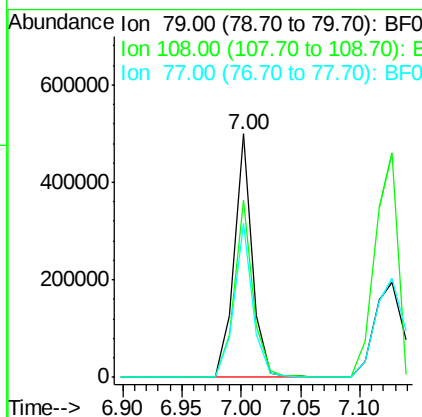
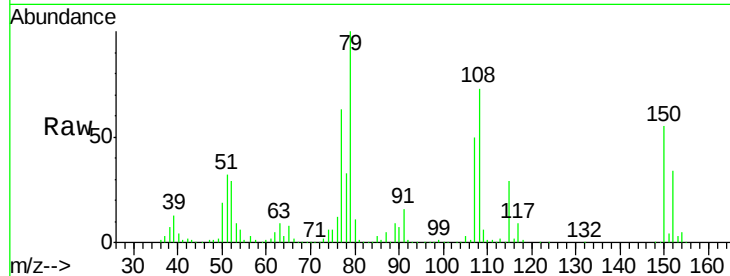
ClientSampleId :

PB87699BS

Tgt Ion:	79	Resp:	533804
Ion Ratio	Lower	Upper	
79	100		
108	72.7	69.0	103.4
77	63.0	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.44 ng

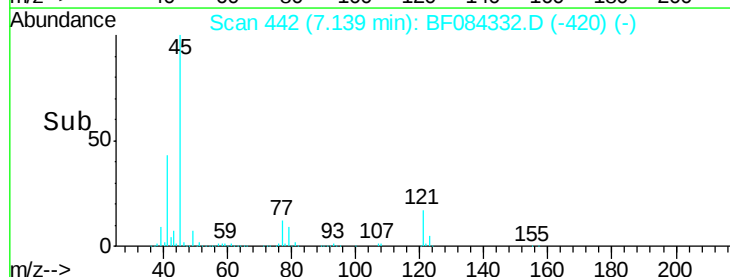
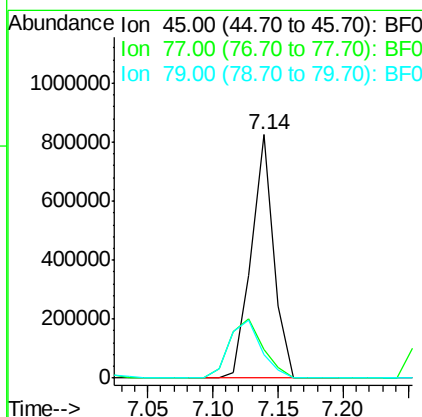
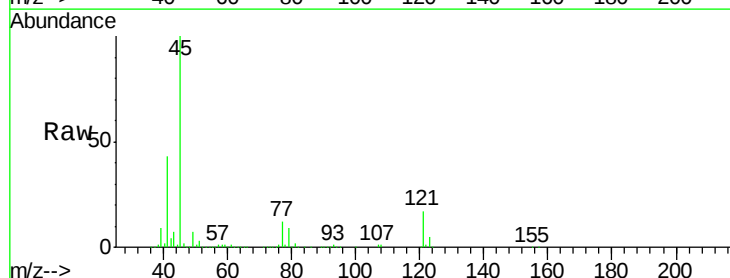
RT: 7.14 min Scan# 442

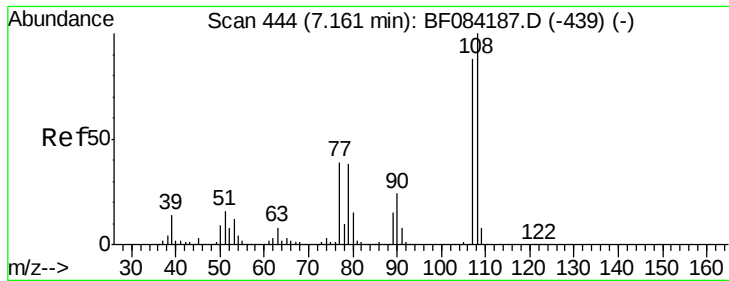
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	45	Resp:	987968
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	39.6
79	9.5	0.0	35.0





#17

2-Methylphenol

Concen: 39.41 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF084332.D

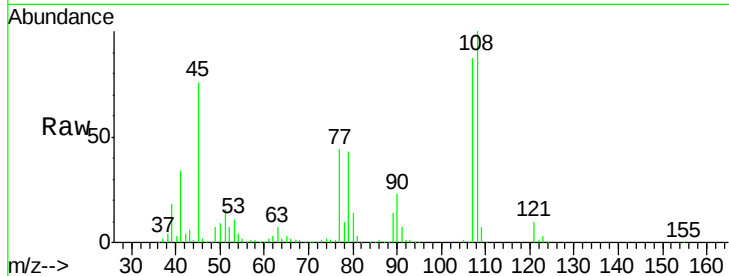
Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS



Tgt Ion:107 Resp: 533690

Ion Ratio Lower Upper

107 100

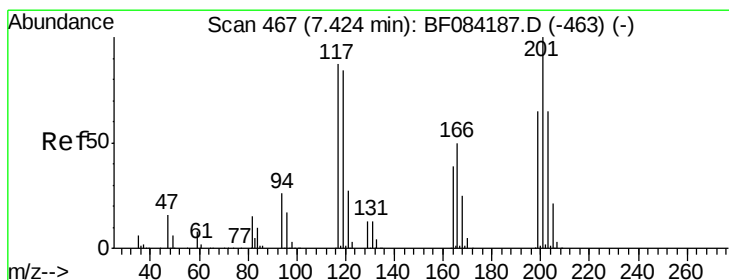
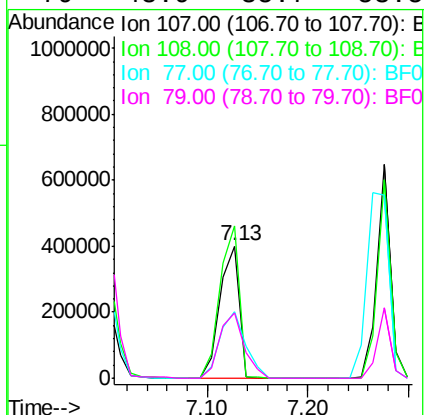
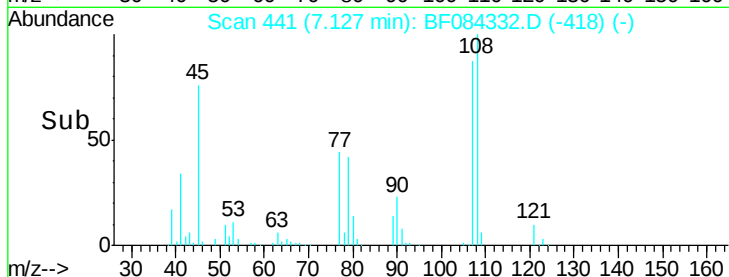
108 114.7 89.8 134.6

77 50.7 35.7 53.5

79 48.9 35.7 53.5

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#18

Hexachloroethane

Concen: 37.31 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

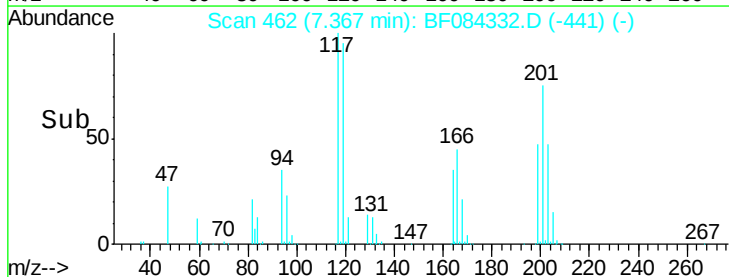
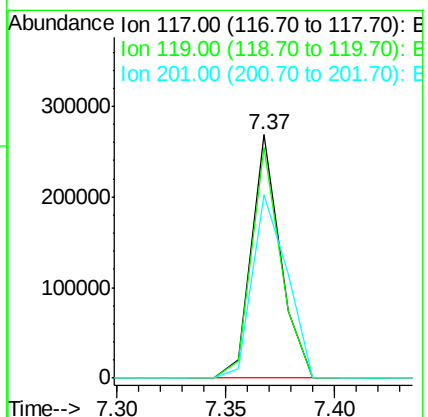
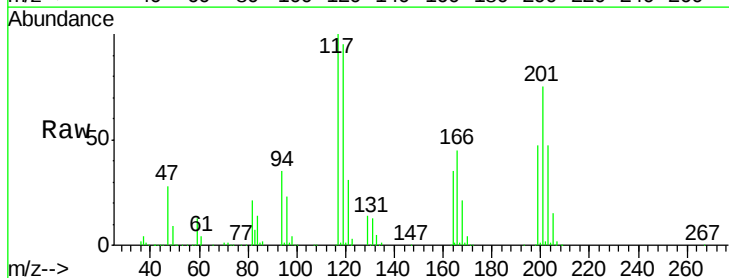
Tgt Ion:117 Resp: 249385

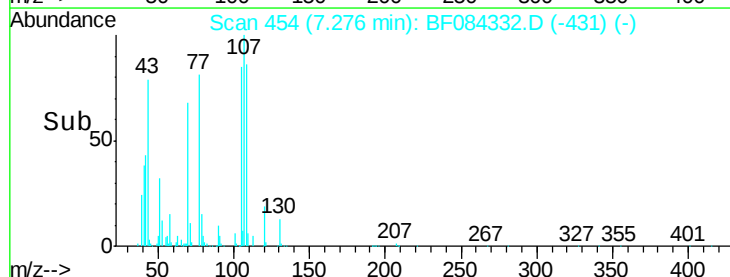
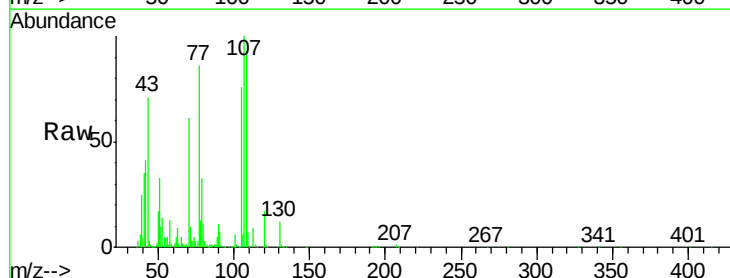
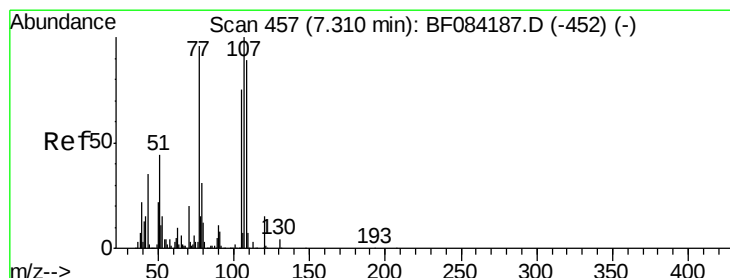
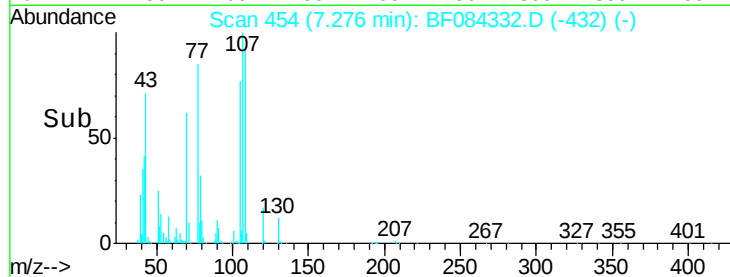
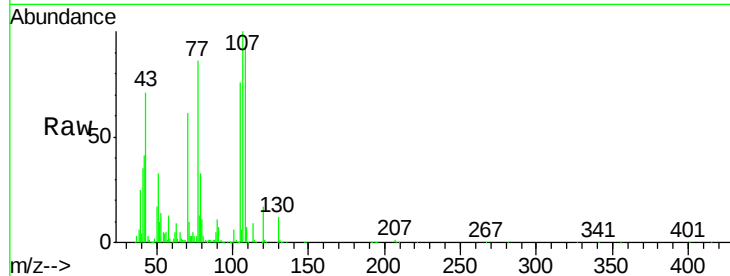
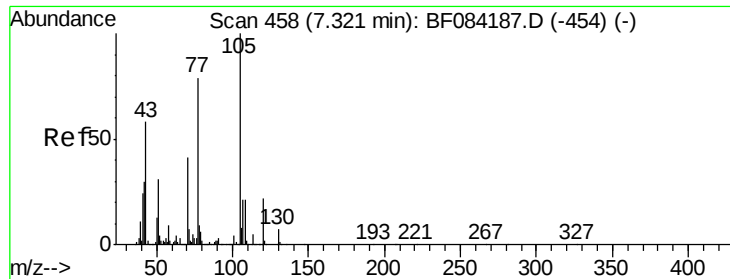
Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.0

201 75.4 68.6 103.0





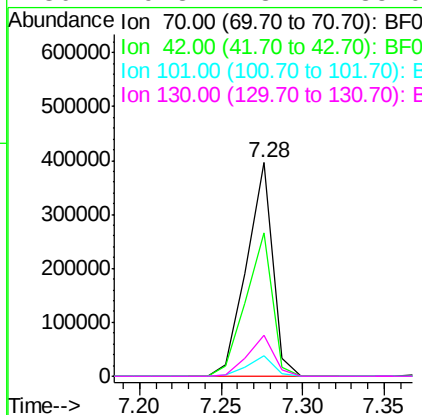
#19
n-Nitroso-di-n-propylamine
Concen: 36.19 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.1	33.3	49.9#
101	9.3	9.3	13.9
130	19.3	23.4	35.0#

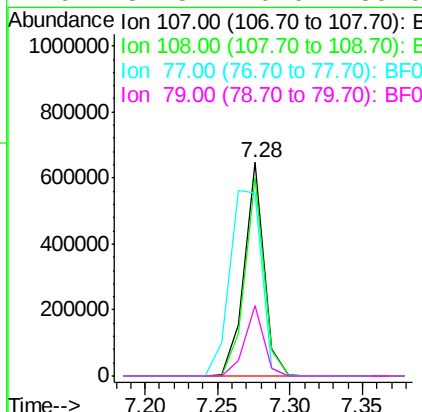
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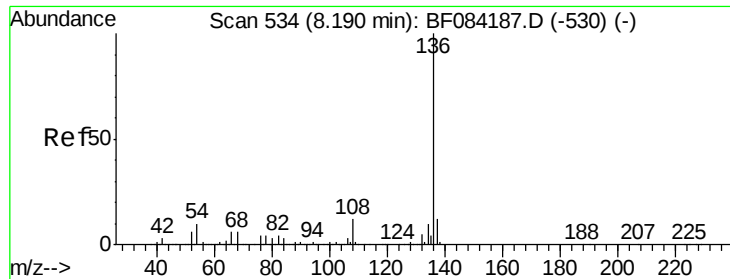
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#20
3+4-Methylphenols
Concen: 38.46 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	74.6	114.6
77	85.5	0.7	40.7#
79	32.8	0.0	39.0





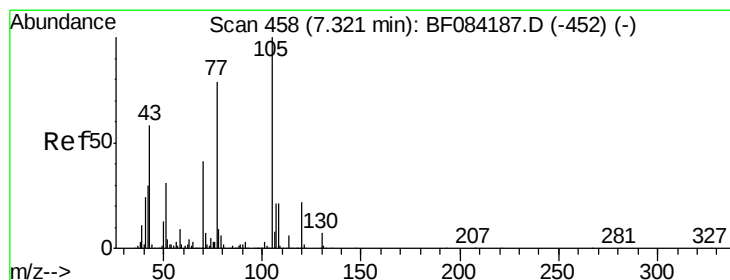
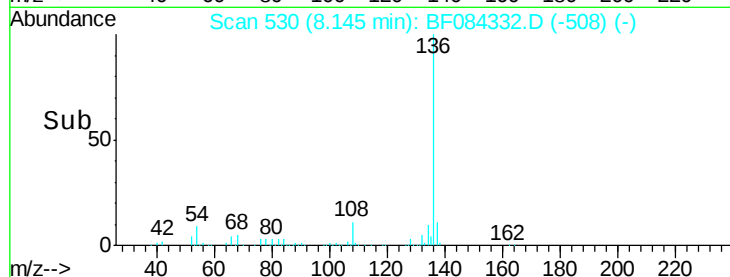
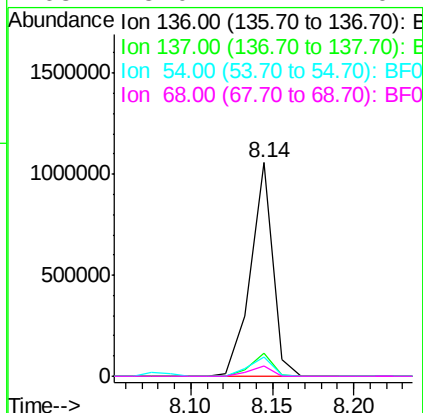
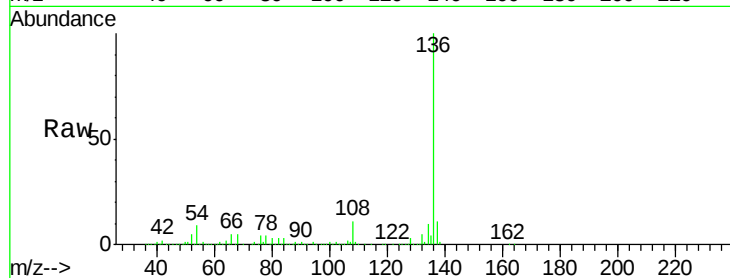
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.1	5.8	8.8#
68	5.0	4.2	6.2

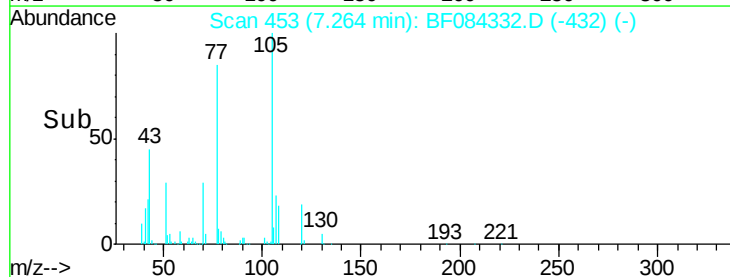
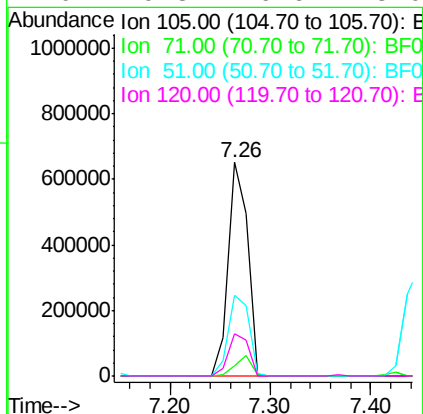
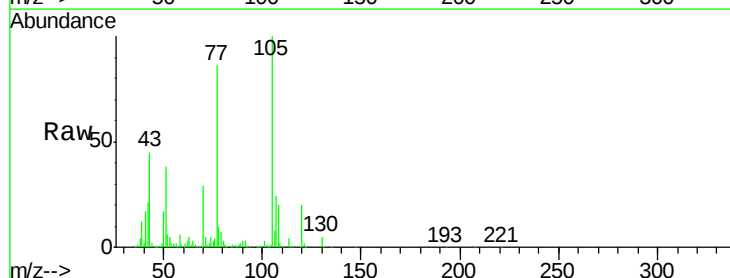
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#22
Acetophenone
Concen: 36.24 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.0	3.7	5.5
51	37.6	25.1	37.7
120	19.8	16.6	25.0





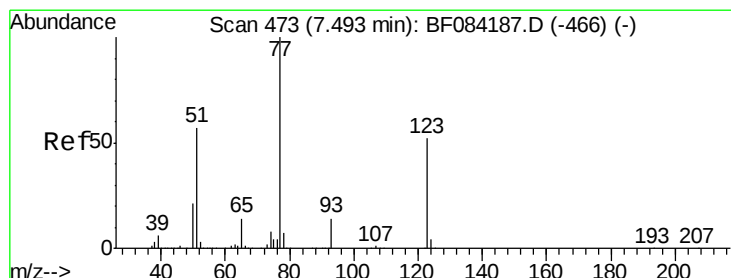
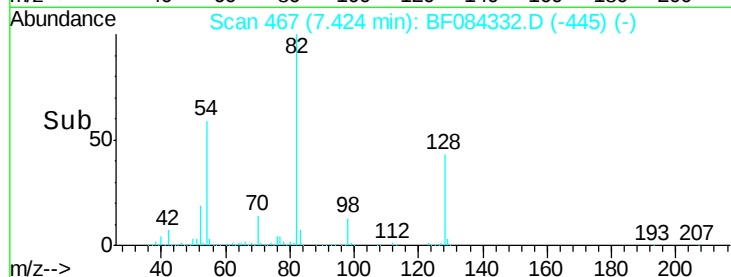
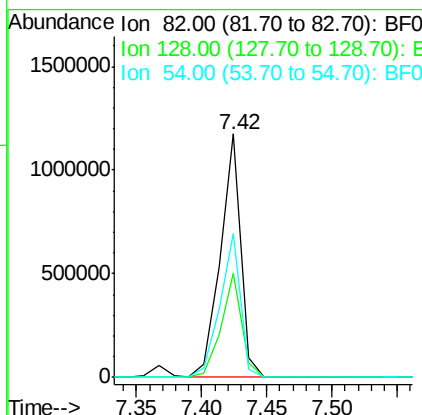
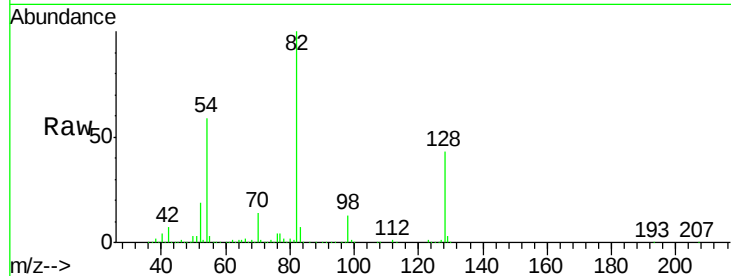
#23
 Nitrobenzene-d5
 Concen: 71.36 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	58.8	38.4	57.6

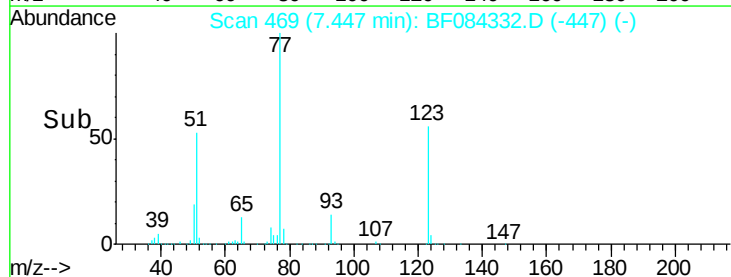
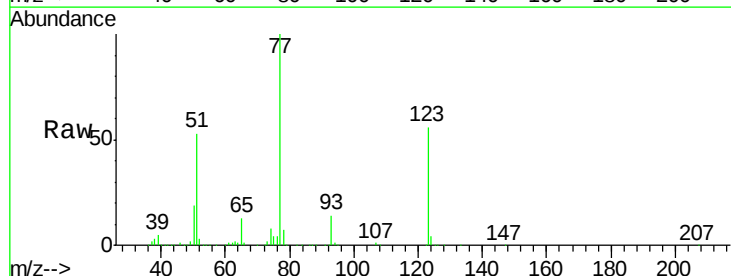
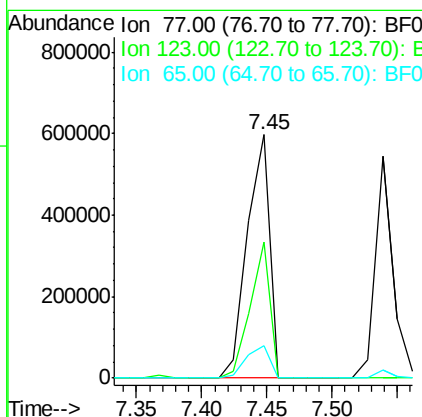
Manual Integrations
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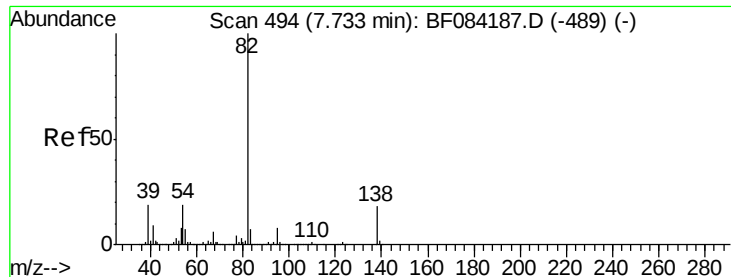
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#24
 Nitrobenzene
 Concen: 38.97 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.8	37.4	56.2
65	13.4	10.9	16.3





#25

Isophorone

Concen: 36.92 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

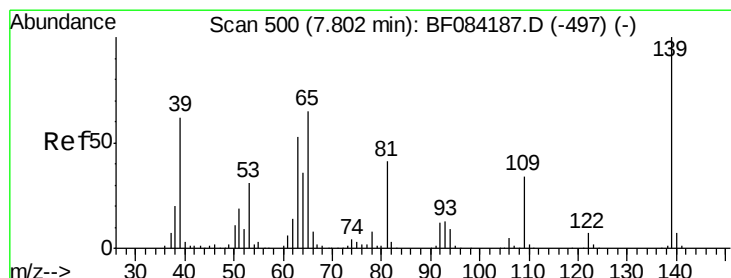
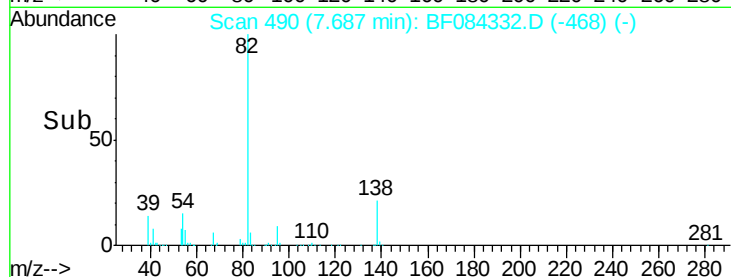
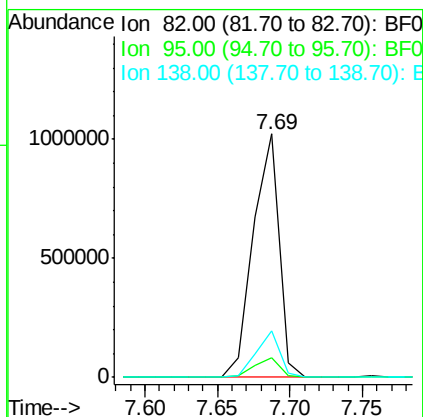
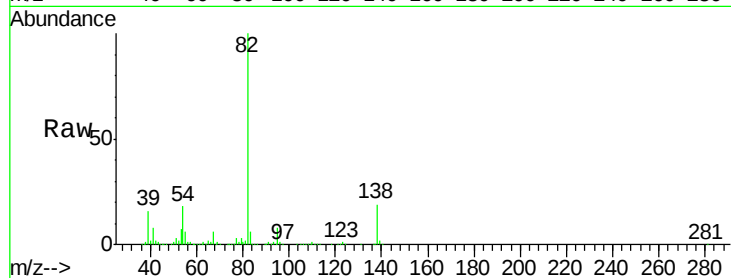
PB87699BS

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Tgt Ion:	82	Resp:	1266572
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	10.0
138	19.3	13.6	20.4



#26

2-Nitrophenol

Concen: 38.11 ng

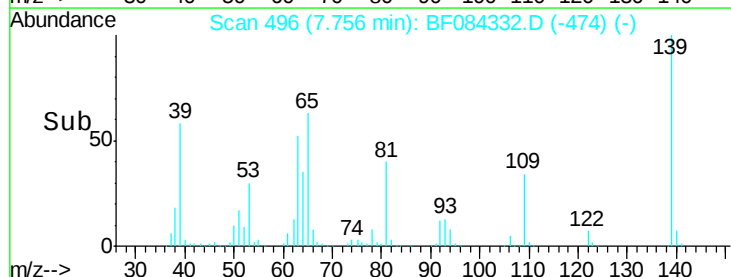
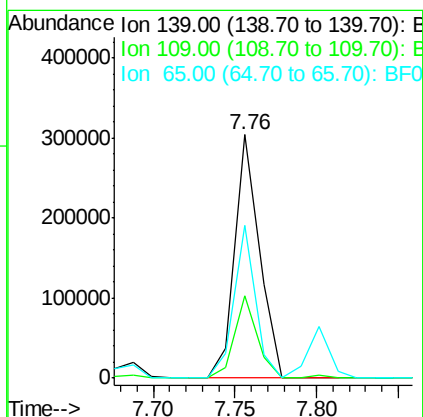
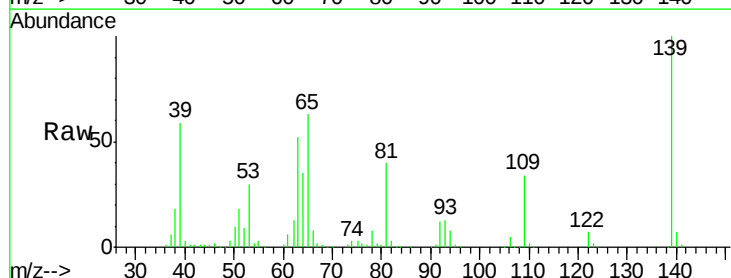
RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	139	Resp:	315622
Ion	Ratio	Lower	Upper
139	100		
109	33.8	25.4	38.2
65	62.9	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 34.63 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

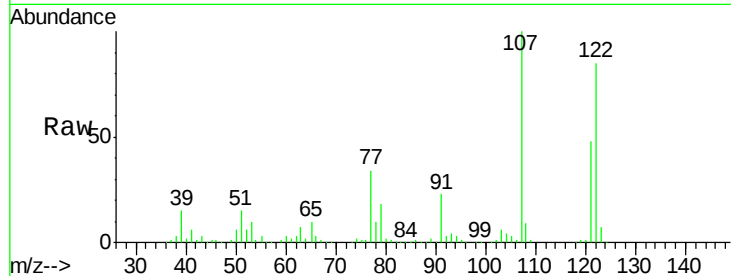
ClientSampleId :

PB87699BS

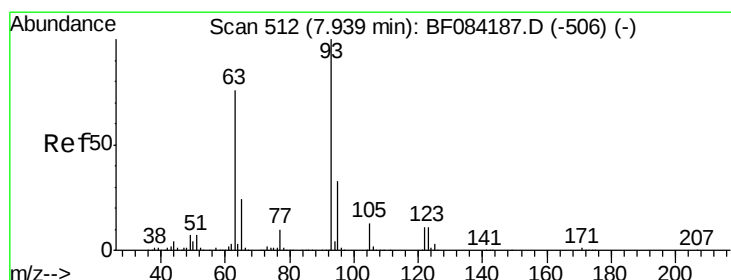
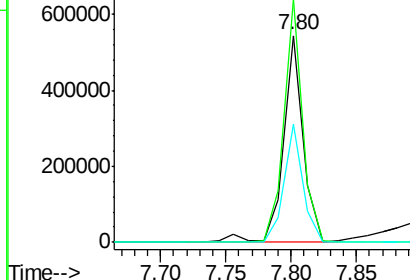
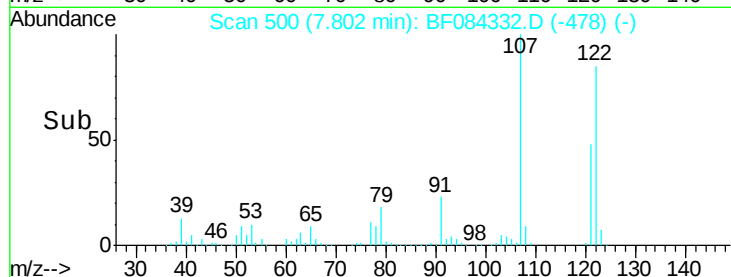
Tgt Ion:	122	Resp:	580454
Ion Ratio	Lower	Upper	
122	100		
107	117.7	99.1	148.7
121	56.9	47.9	71.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.51 ng

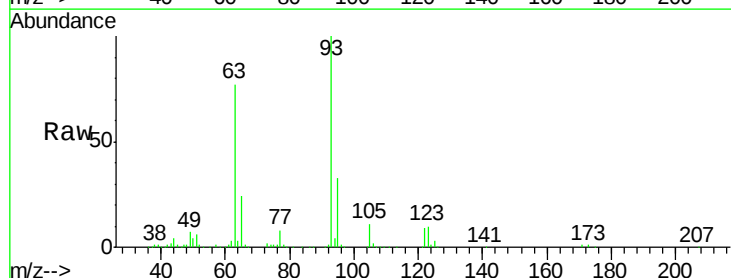
RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

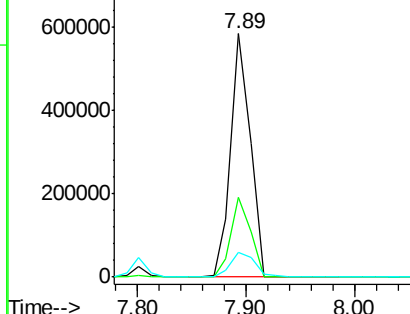
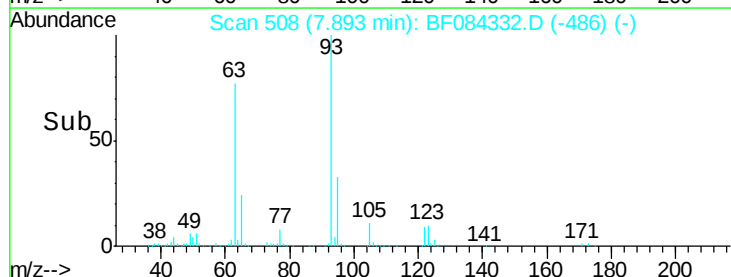
Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	93	Resp:	723150
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.8	38.6
123	10.2	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.90 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

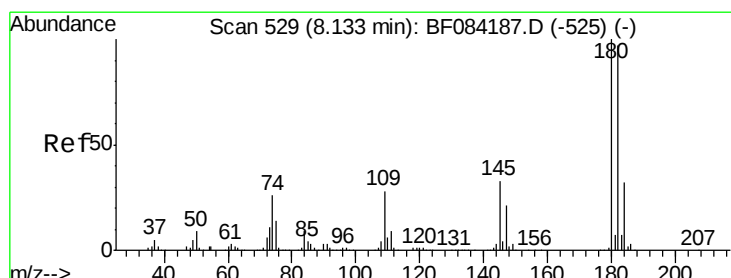
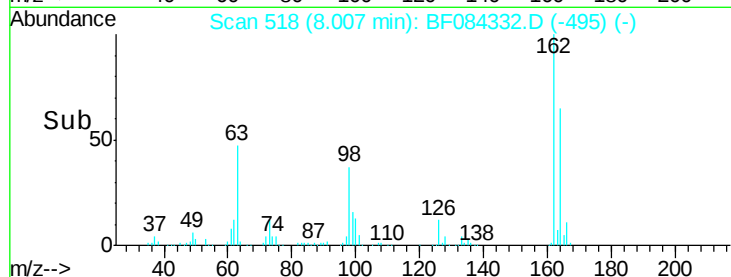
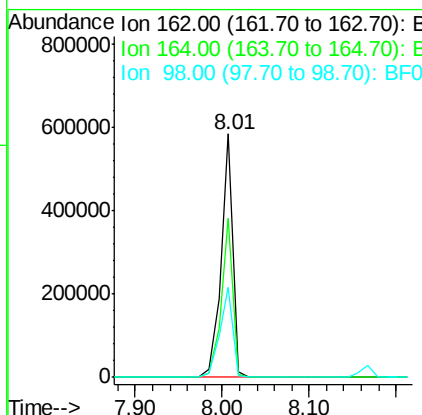
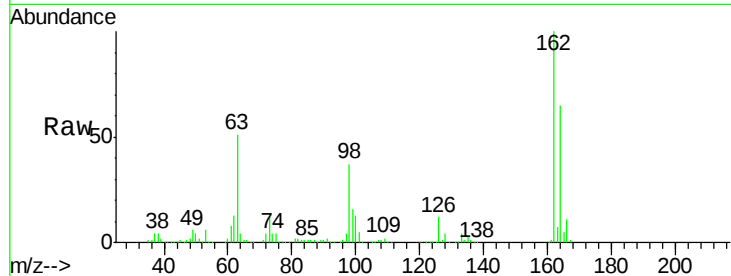
ClientSampleId :

PB87699BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	557112		
164	65.5	44.1	84.1	
98	37.2	20.2	60.2	

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#30

1,2,4-Trichlorobenzene

Concen: 38.97 ng

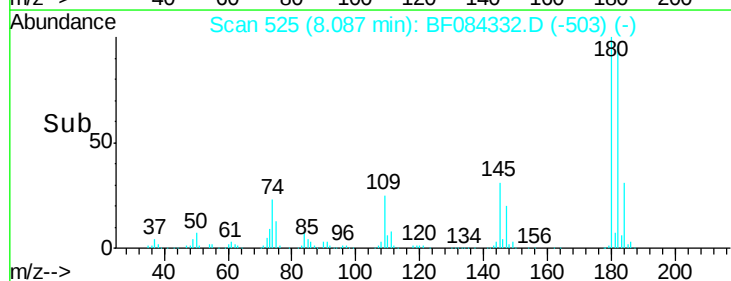
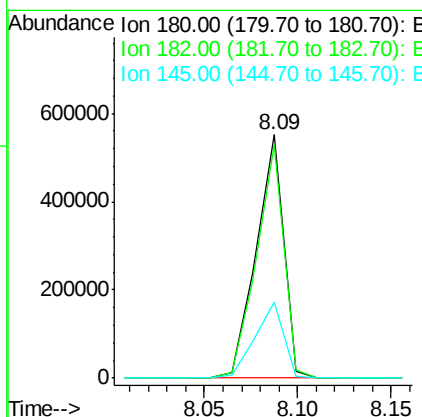
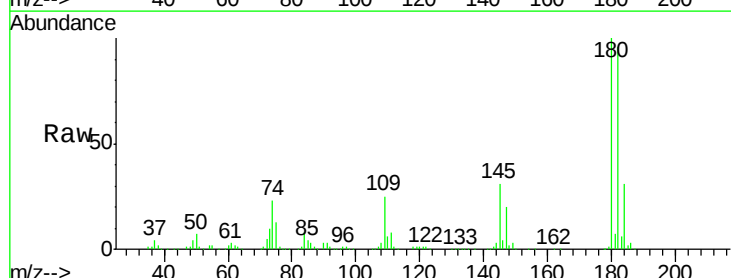
RT: 8.09 min Scan# 525

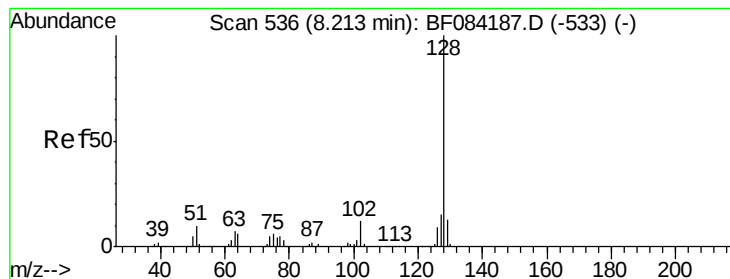
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	561657		
182	95.9	76.4	114.6	
145	31.2	31.6	47.4#	





#31

Naphthalene

Concen: 39.68 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084332.D

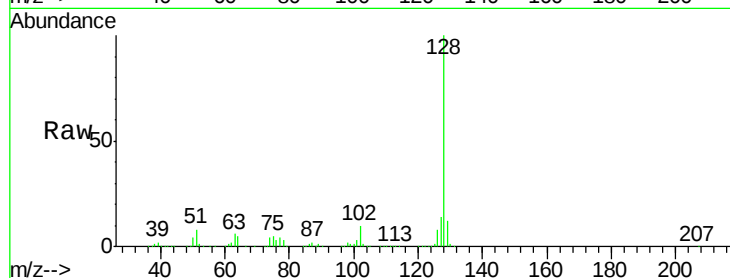
Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS



Tgt Ion:128 Resp: 1797383

Ion Ratio Lower Upper

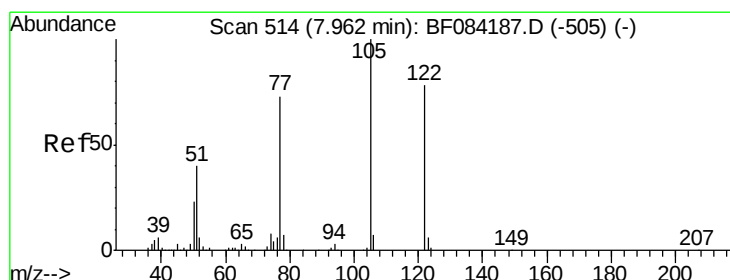
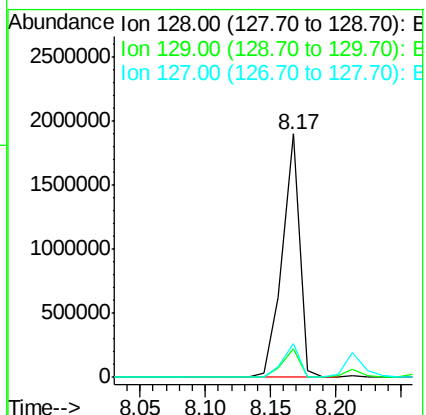
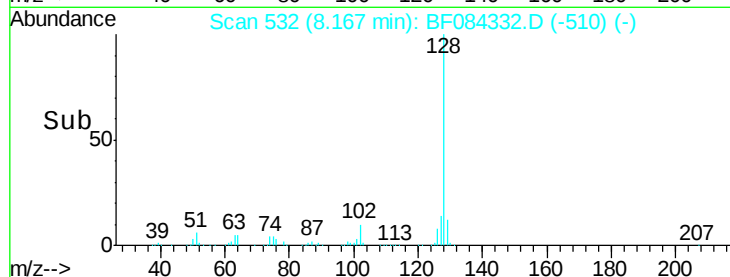
128 100

129 11.7 9.1 13.7

127 14.0 11.1 16.7

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#32

Benzoic acid

Concen: 27.59 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

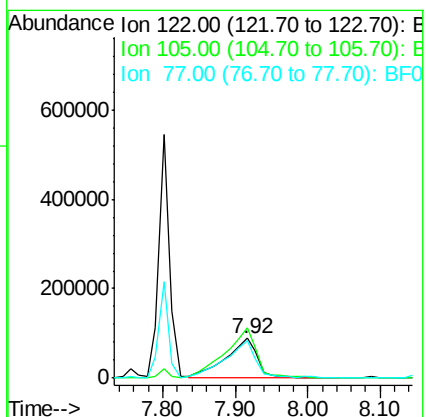
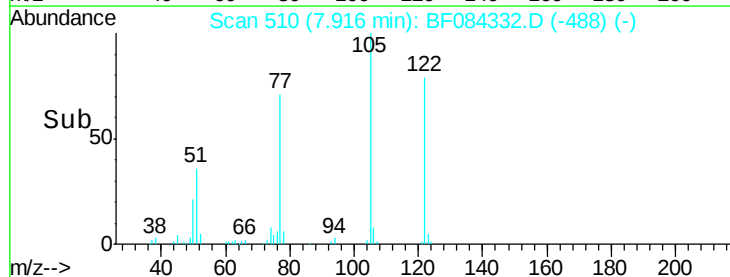
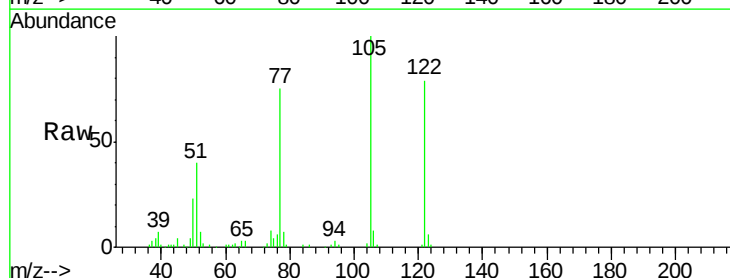
Tgt Ion:122 Resp: 264547

Ion Ratio Lower Upper

122 100

105 126.4 100.3 140.3

77 94.2 63.5 103.5





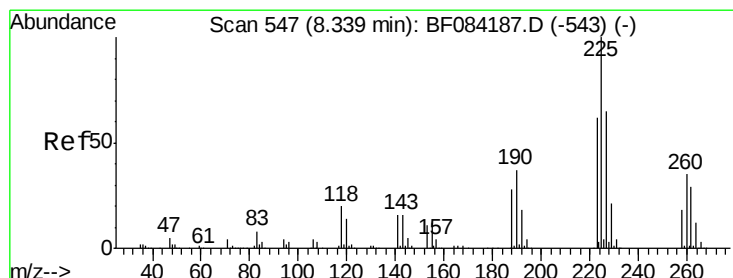
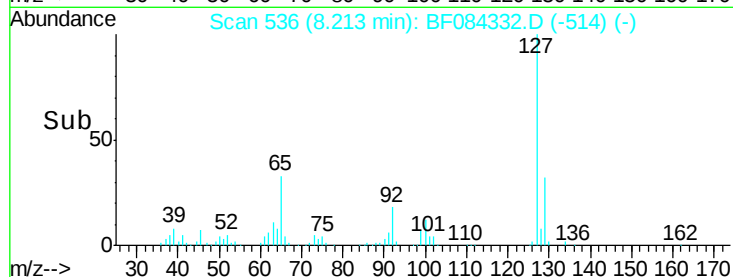
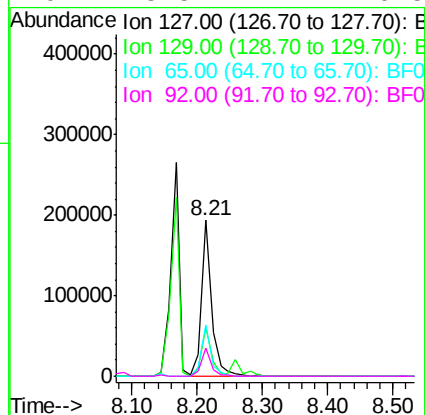
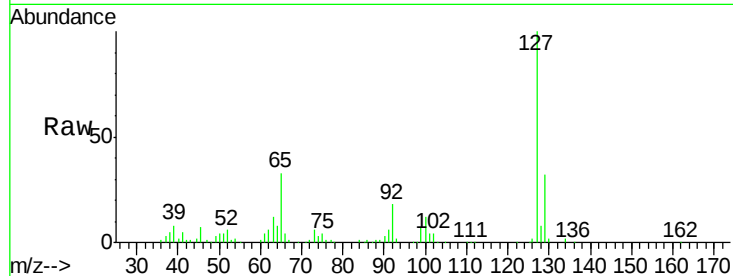
#33
4-Chloroaniline
Concen: 10.04 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	208506		
129	31.6	26.5	39.7	
65	33.1	27.2	40.8	
92	18.5	17.7	26.5	

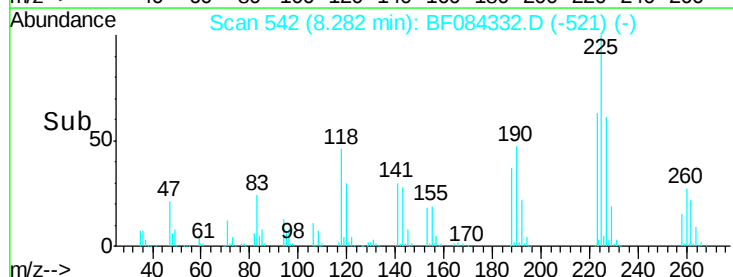
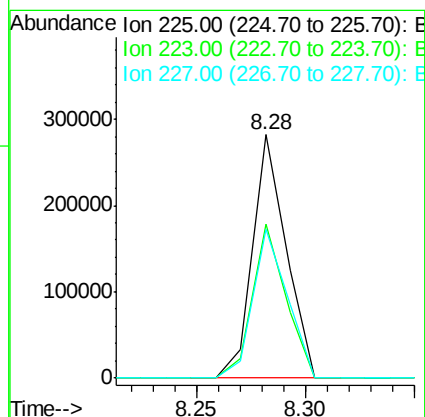
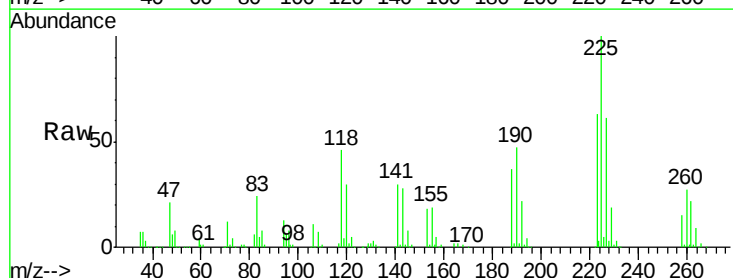
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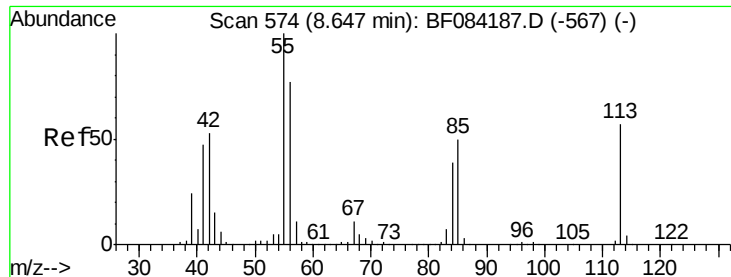
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#34
Hexachlorobutadiene
Concen: 36.38 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	301470		
223	63.3	49.4	74.0	
227	61.0	50.8	76.2	





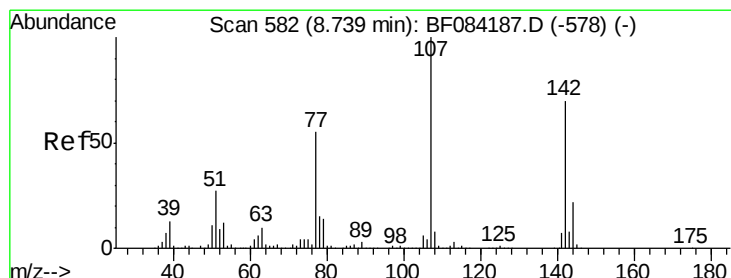
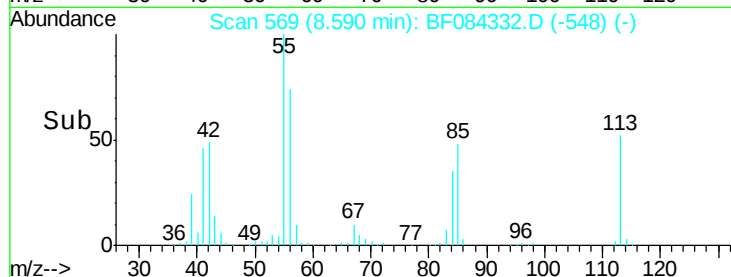
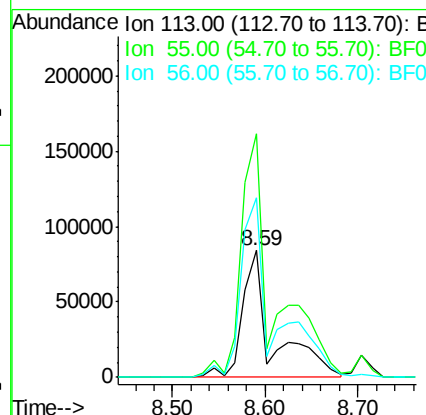
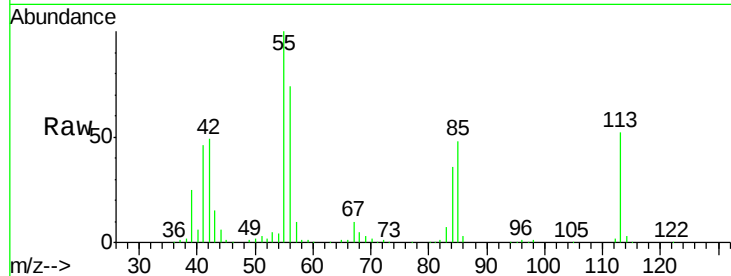
#35
 Caprolactam
 Concen: 39.54 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion:113 Resp: 186126
 Ion Ratio Lower Upper
 113 100
 55 192.2 116.9 156.9#
 56 141.4 93.8 133.8#

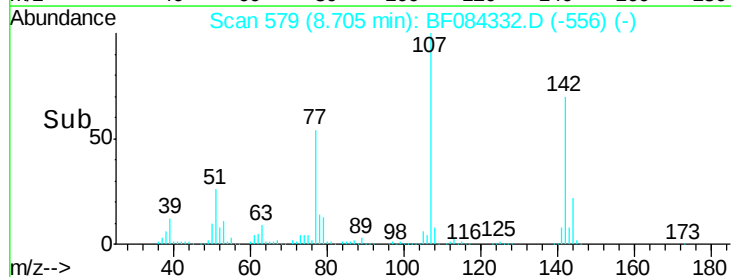
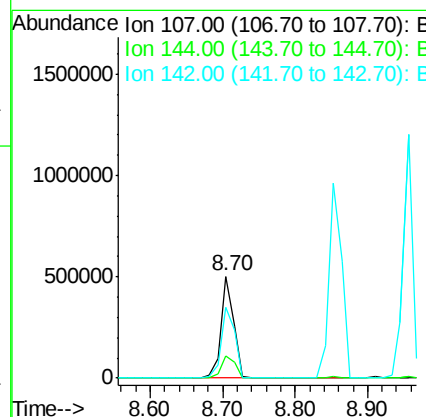
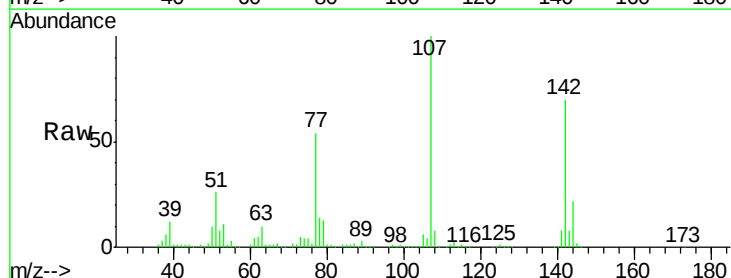
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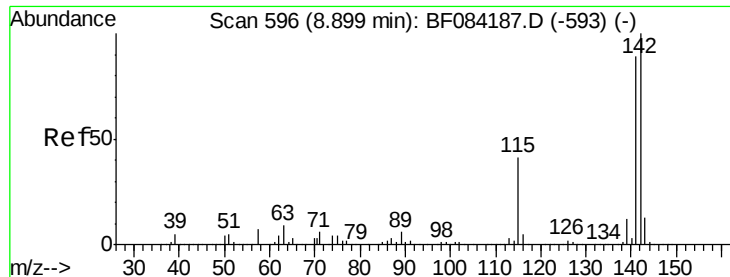
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#36
 4-Chloro-3-methylphenol
 Concen: 38.72 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.03 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

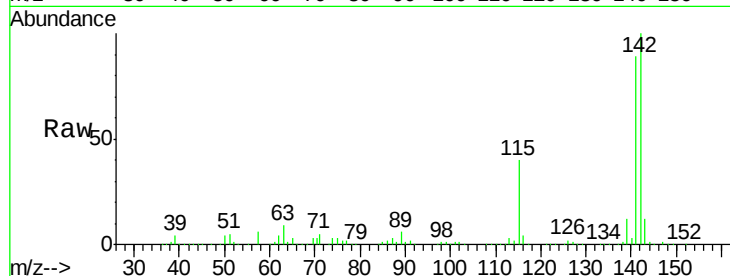
Tgt Ion:107 Resp: 605629
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.7 29.5
 142 69.8 61.8 92.6





#37
 2-Methylnaphthalene
 Concen: 35.96 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

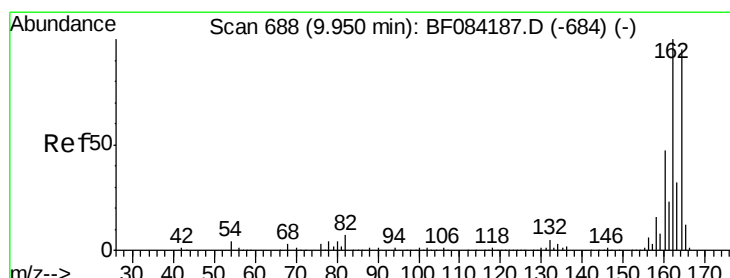
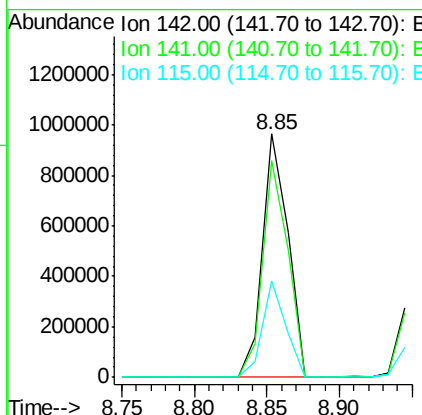
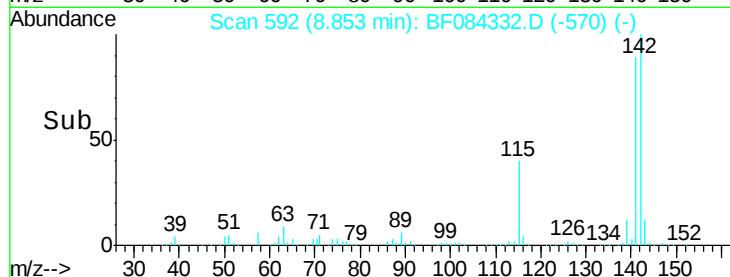
Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS



Tgt Ion:142 Resp: 1169307
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.4 108.6
 115 39.8 27.9 41.9

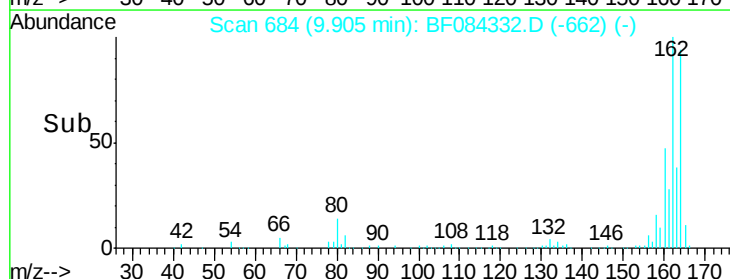
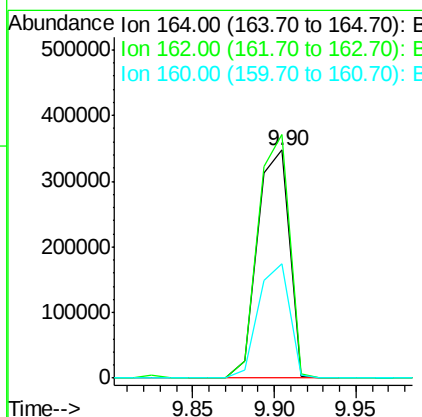
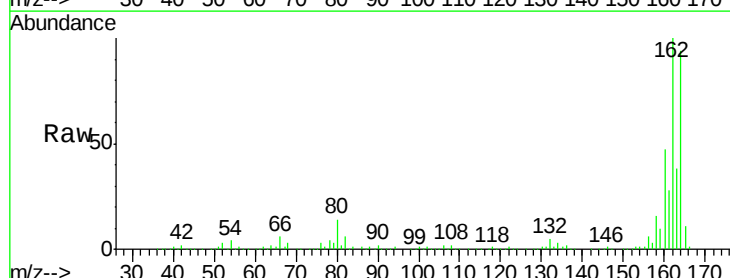
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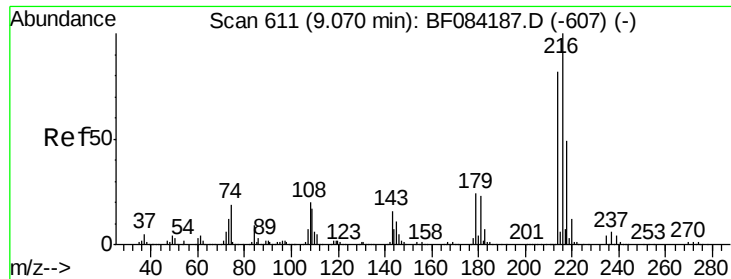
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:164 Resp: 473338
 Ion Ratio Lower Upper
 164 100
 162 106.7 85.1 127.7
 160 50.3 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.65 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084332.D

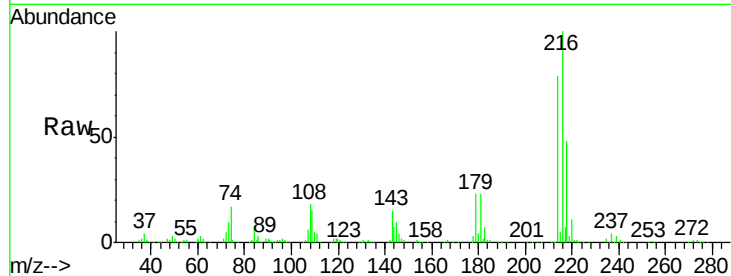
Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

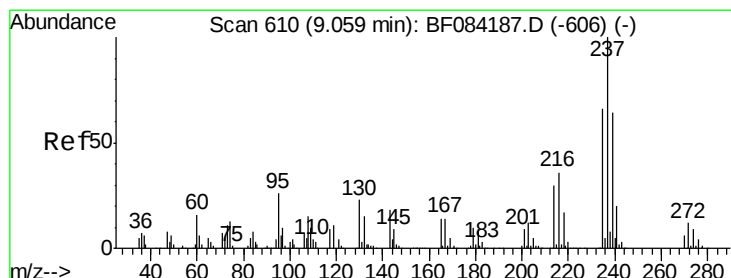
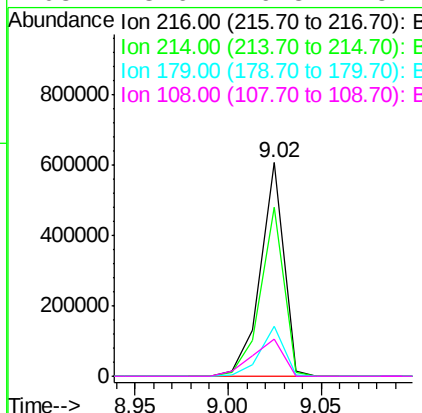
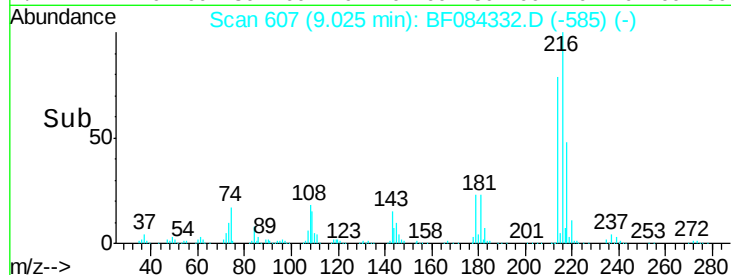
PB87699BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.2	96.2
179	23.8	18.7	28.1
108	23.6	16.8	25.2

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#40

Hexachlorocyclopentadiene

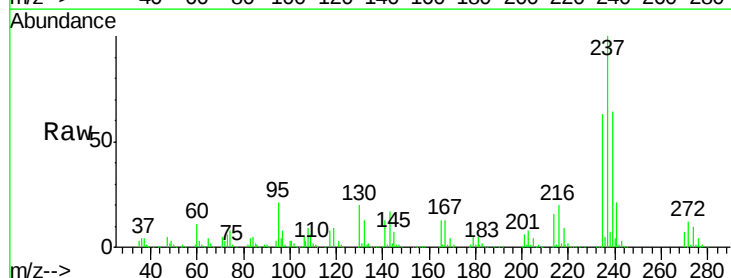
Concen: 71.05 ng

RT: 9.01 min Scan# 606

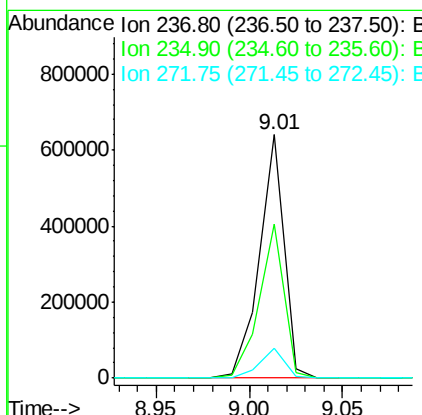
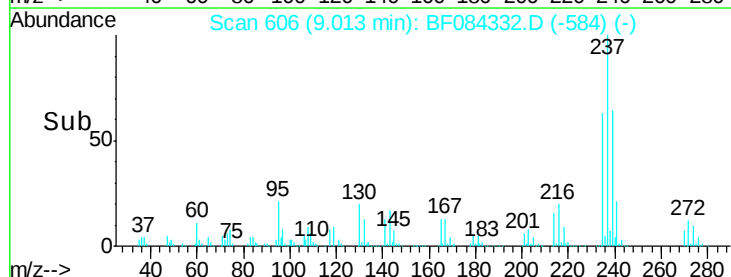
Delta R.T. -0.05 min

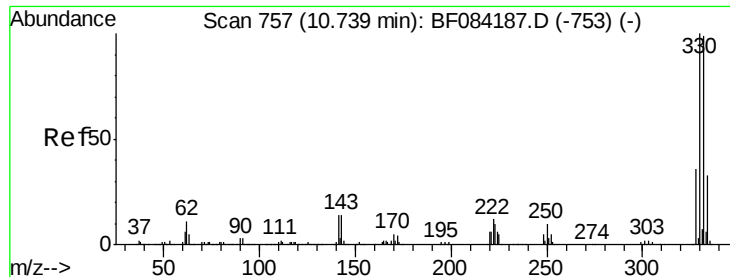
Lab File: BF084332.D

Acq: 8 Jan 2016 17:14



Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.1	83.1
272	12.4	0.0	35.1





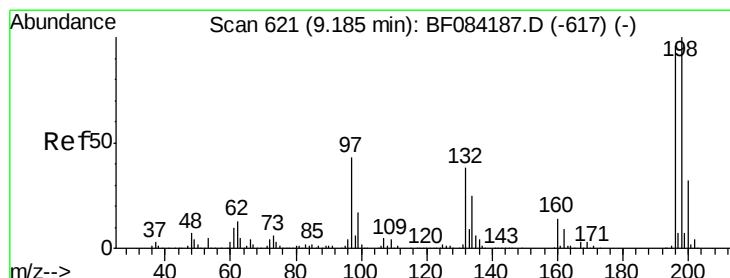
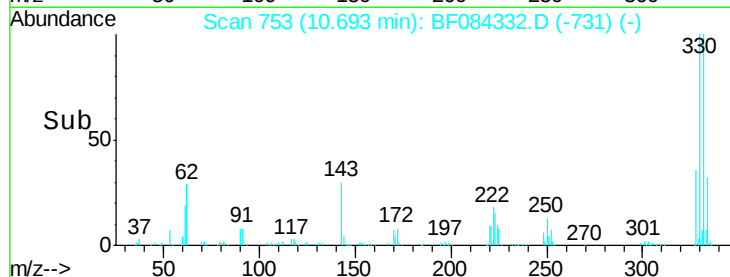
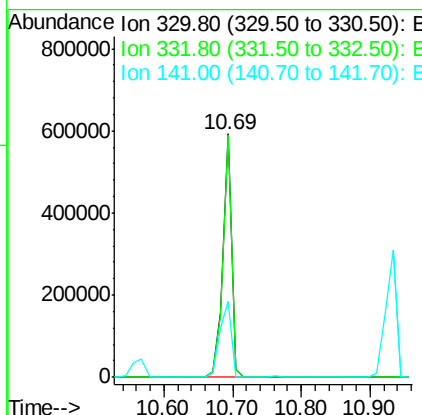
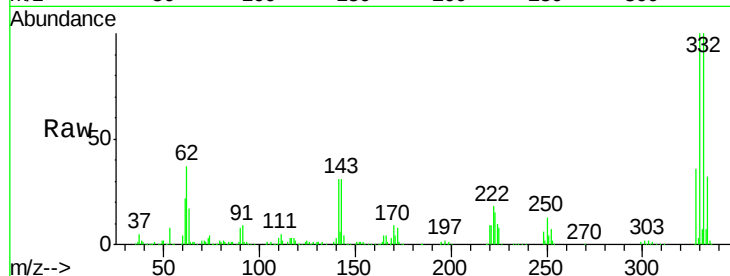
#41
 2,4,6-Tribromophenol
 Concen: 114.02 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	544893		
332	98.7	76.6	114.8	
141	40.6	27.8	41.6	

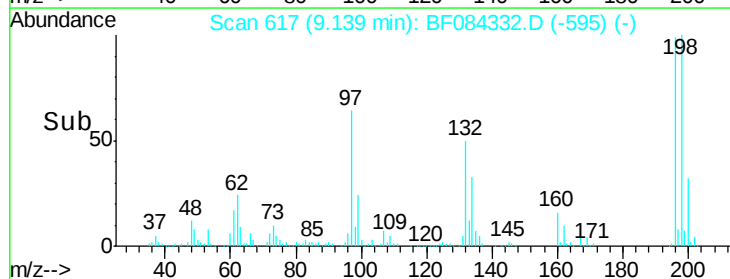
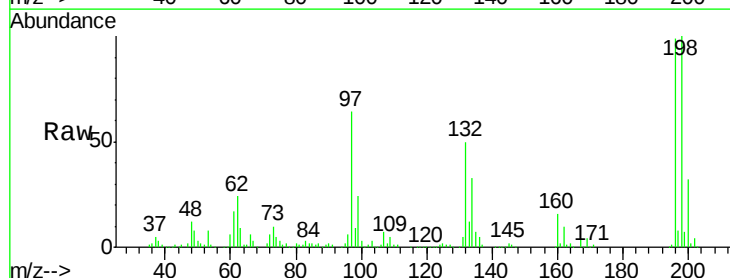
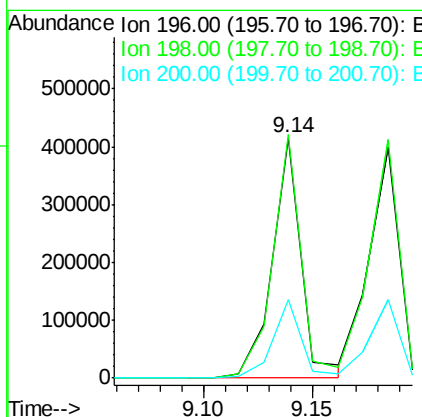
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#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

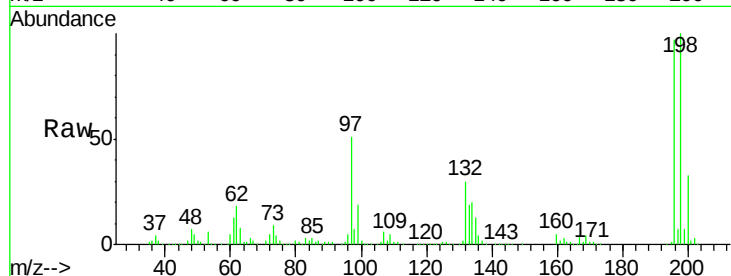
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	387420		
198	101.4	77.7	116.5	
200	32.9	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 39.38 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

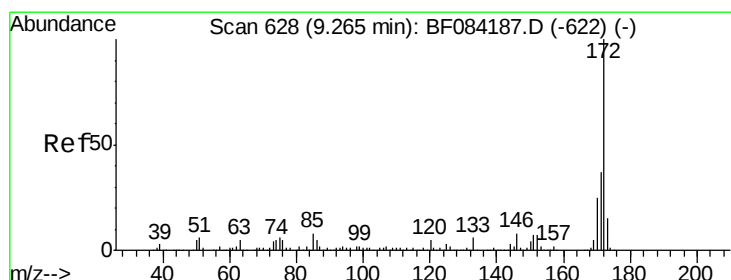
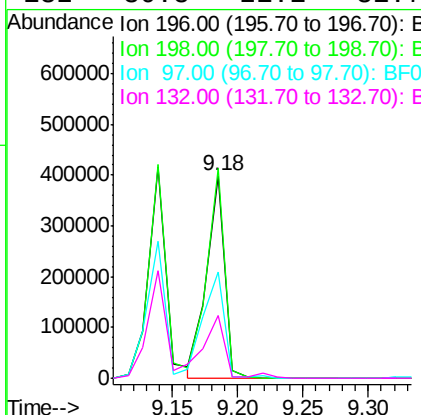
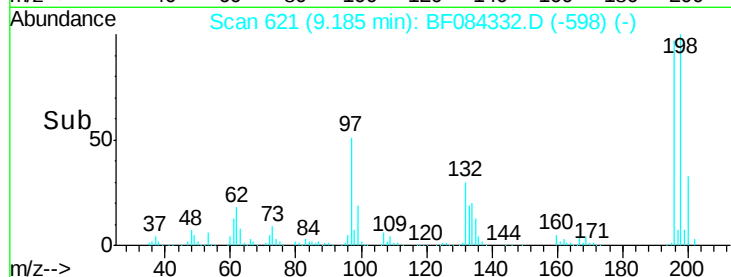
Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS



Tgt Ion:	196	Resp:	384307
Ion Ratio	Lower	Upper	
196	100		
198	103.6	79.0	118.6
97	52.6	33.0	49.6
132	30.8	21.1	31.7

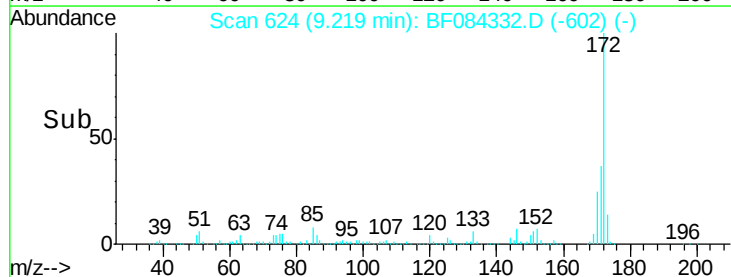
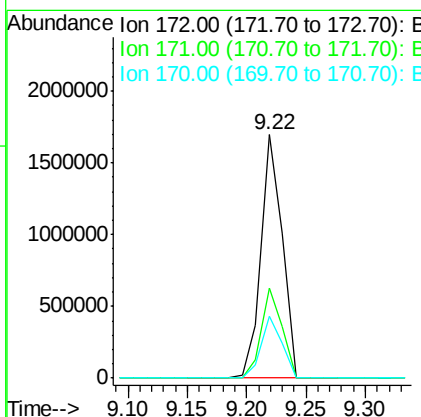
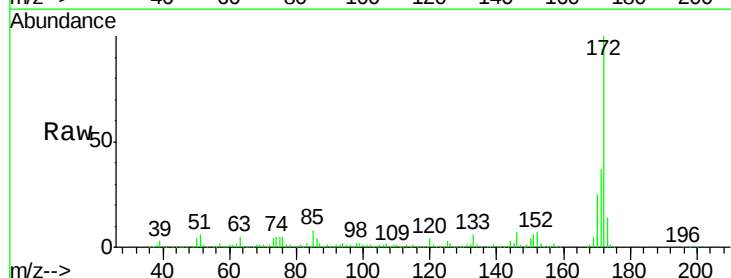
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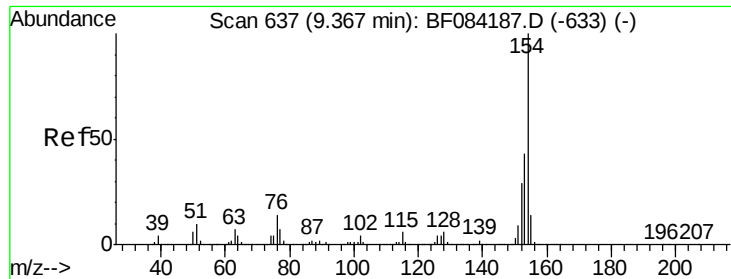
Sohil
 1/10/2016 9:51:32 AM



#44
 2-Fluorobiphenyl
 Concen: 78.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:	172	Resp:	2123634
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.9	43.3
170	25.4	18.6	27.8





#45

1,1'-Biphenyl

Concen: 37.27 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion:154 Resp: 1401967

Ion Ratio Lower Upper

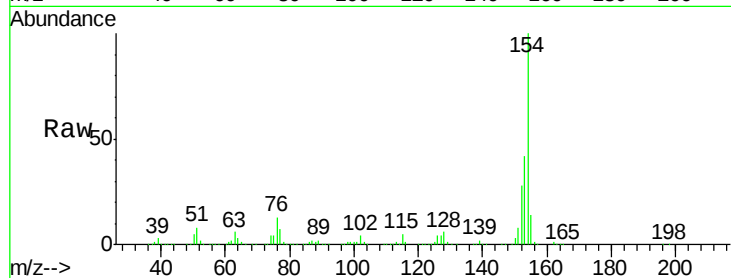
154 100

153 42.0 21.6 61.6

76 12.6 0.0 32.7

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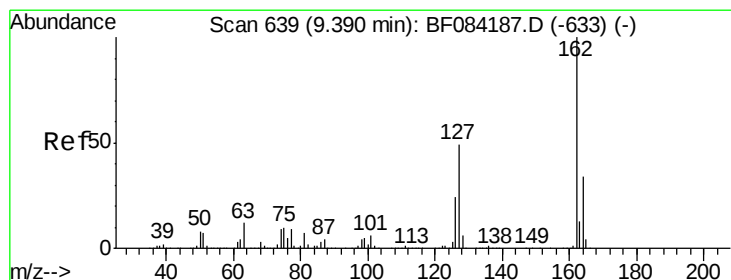
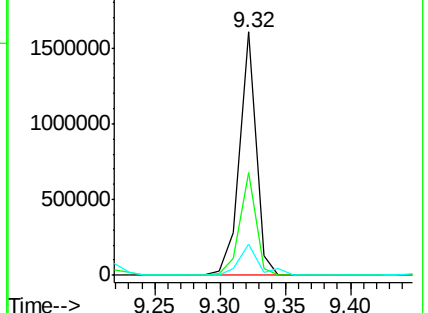
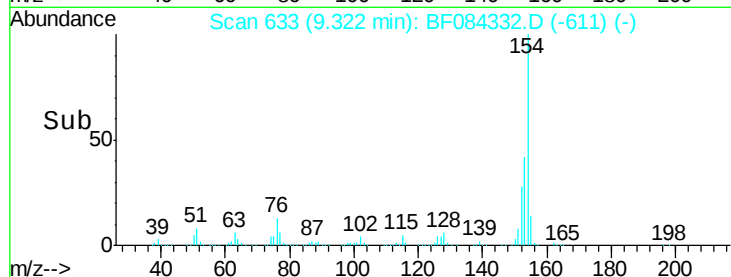
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.33 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

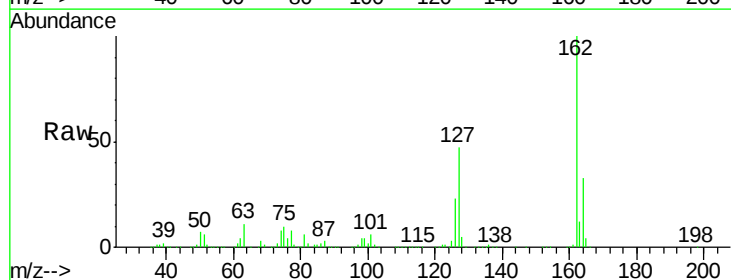
Tgt Ion:162 Resp: 1043968

Ion Ratio Lower Upper

162 100

127 47.0 40.2 60.4

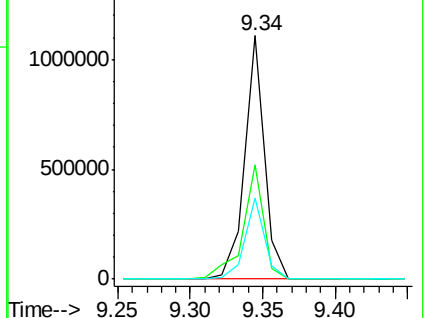
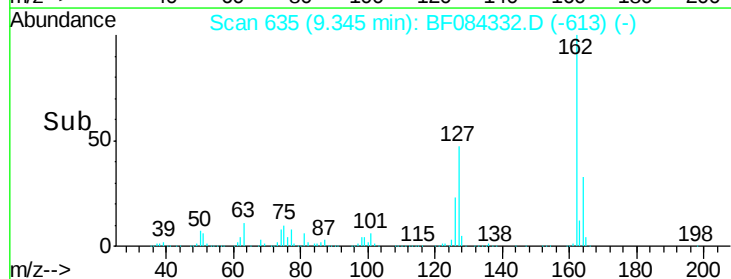
164 33.4 25.7 38.5

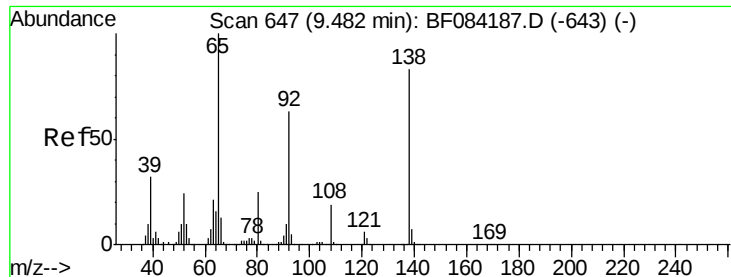


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





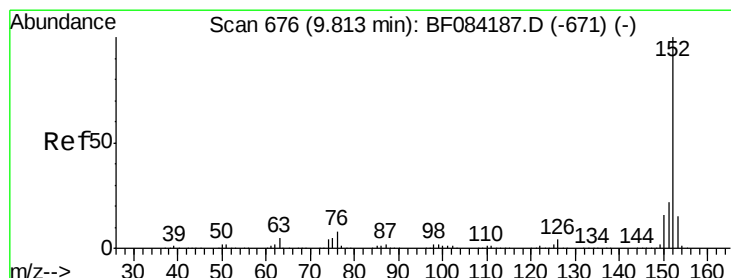
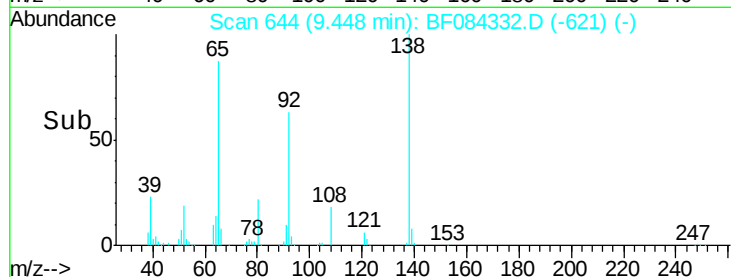
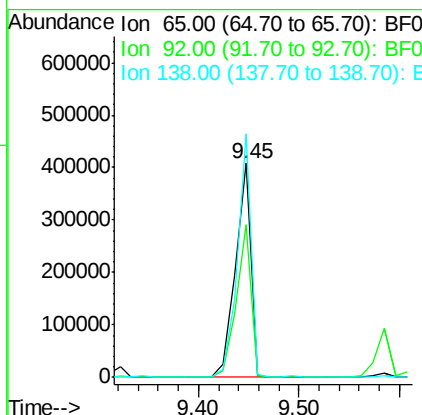
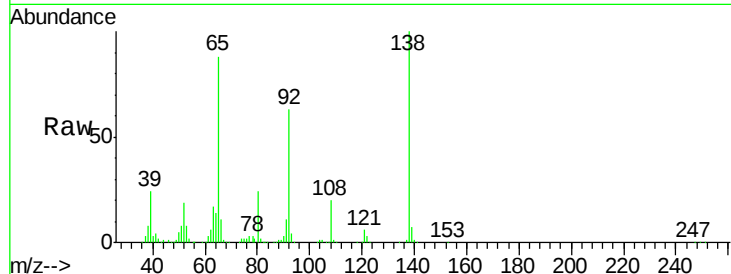
#47
2-Nitroaniline
Concen: 44.63 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion: 65 Resp: 435271
Ion Ratio Lower Upper
65 100
92 71.4 53.4 80.2
138 113.9 71.1 106.7#

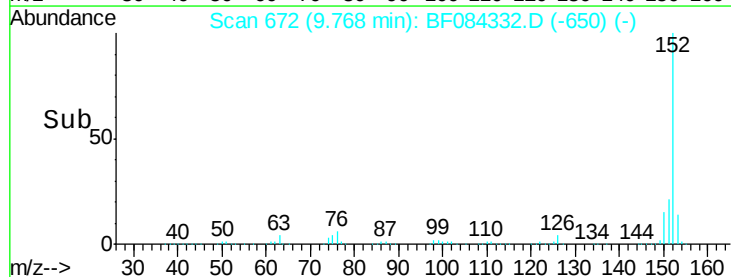
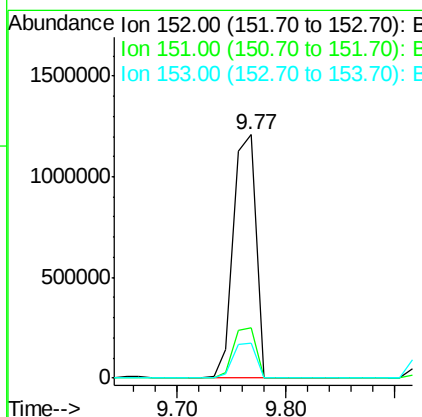
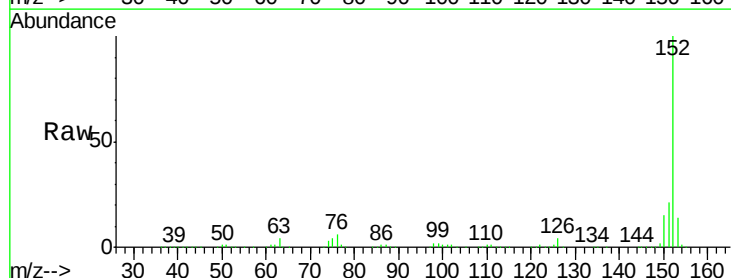
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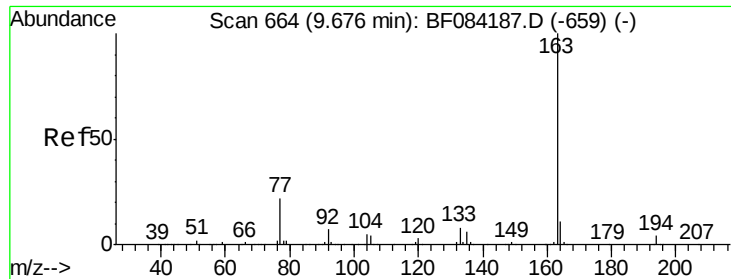
Sohil
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#48
Acenaphthylene
Concen: 39.18 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 152 Resp: 1710440
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 10.4 15.6





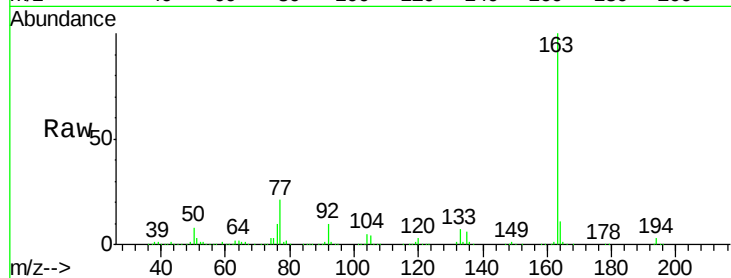
#49
Dimethylphthalate
Concen: 41.87 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

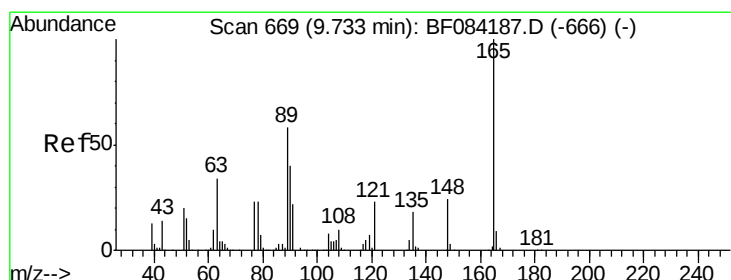
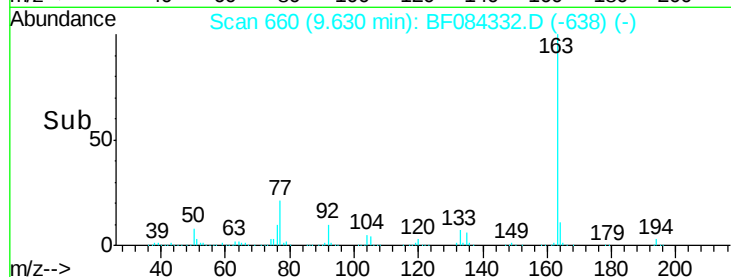
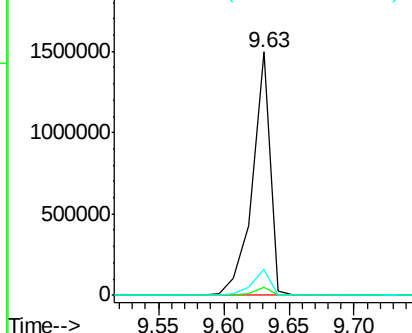
Tgt Ion:163 Resp: 1416960
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.5 8.0 12.0

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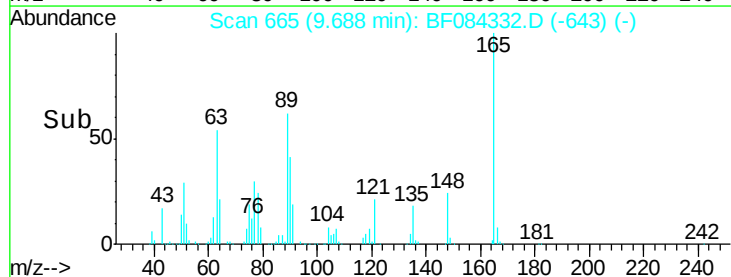
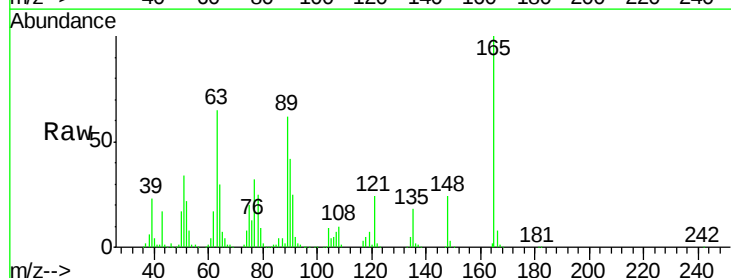
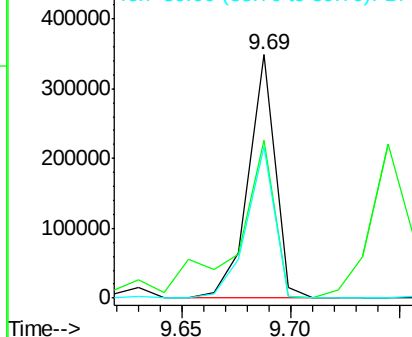
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

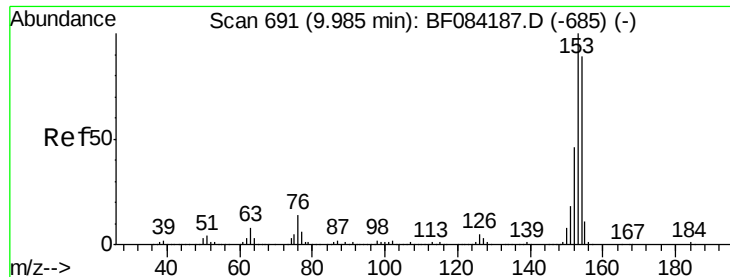


#50
2,6-Dinitrotoluene
Concen: 40.41 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:165 Resp: 299920
Ion Ratio Lower Upper
165 100
63 64.8 28.8 43.2#
89 62.1 35.1 52.7#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.26 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion:154 Resp: 1266808

Ion Ratio Lower Upper

154 100

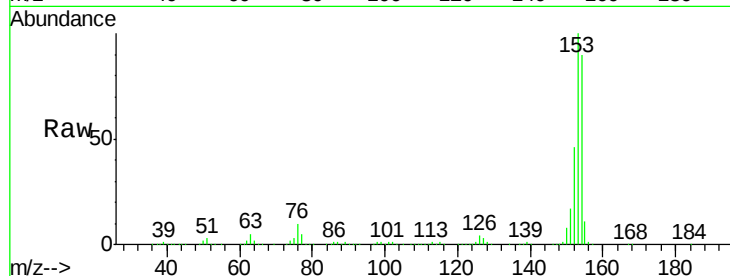
153 111.0 91.5 137.3

152 51.1 43.0 64.6

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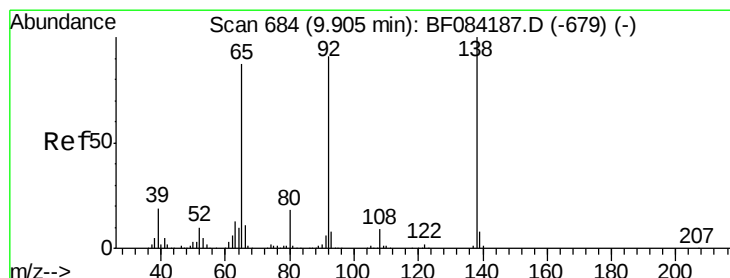
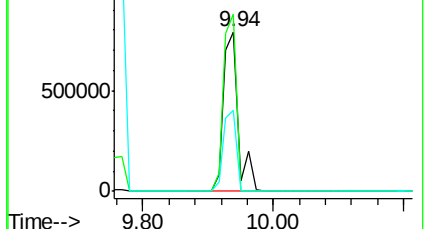
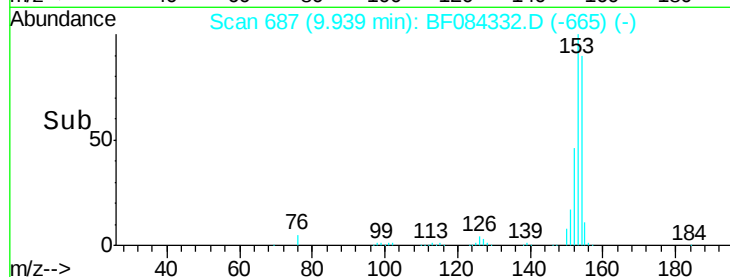
1/10/2016 9:51:32 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.39 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

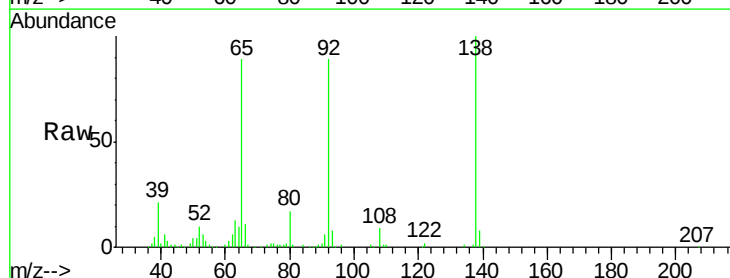
Tgt Ion:138 Resp: 178358

Ion Ratio Lower Upper

138 100

108 8.9 10.5 15.7#

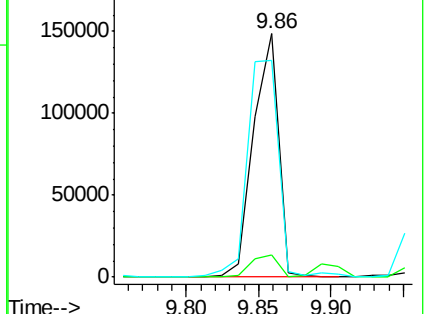
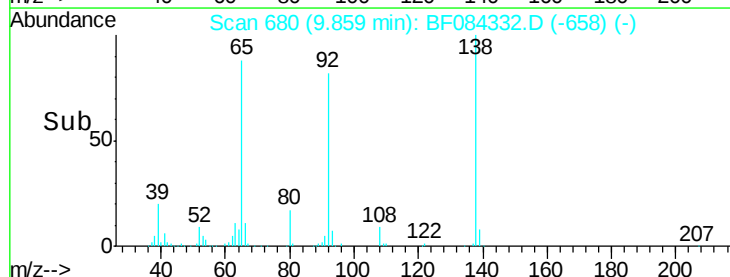
92 89.2 103.9 155.9#

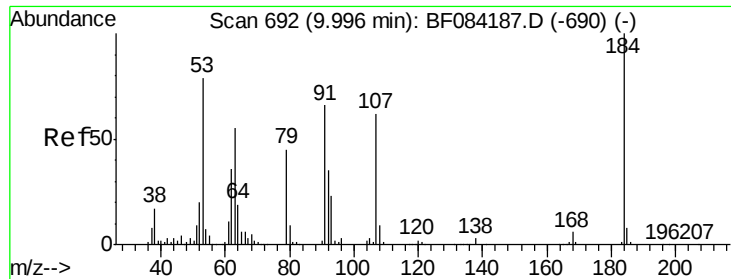


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





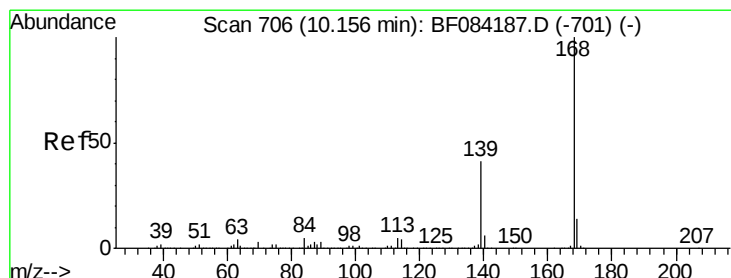
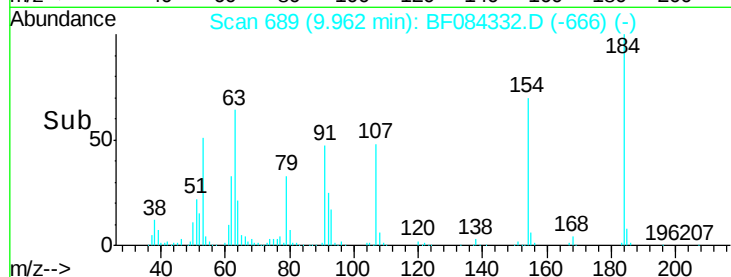
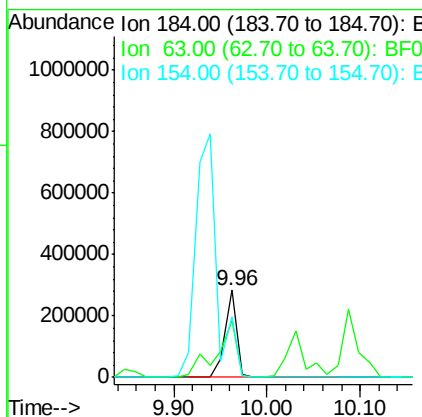
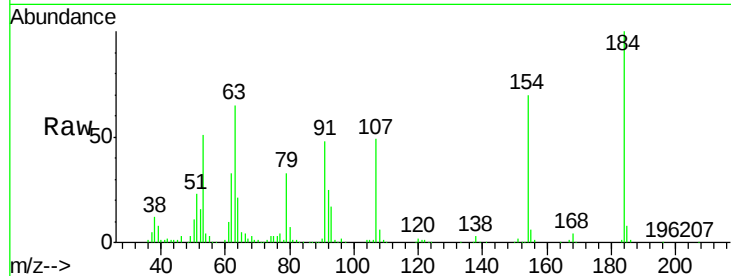
#53
2,4-Dinitrophenol
Concen: 80.08 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleID :
PB87699BS

Tgt Ion:184 Resp: 253176
Ion Ratio Lower Upper
184 100
63 65.3 43.1 64.7#
154 69.6 60.5 90.7

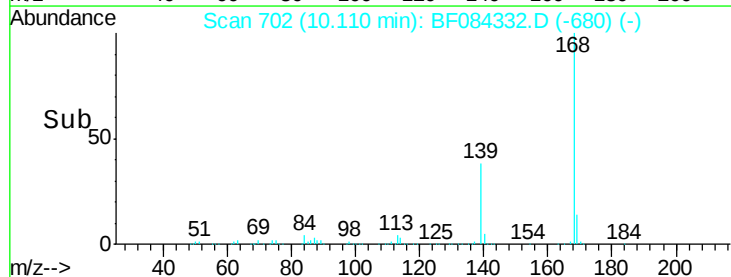
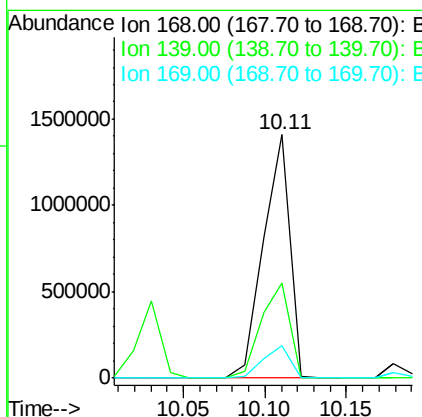
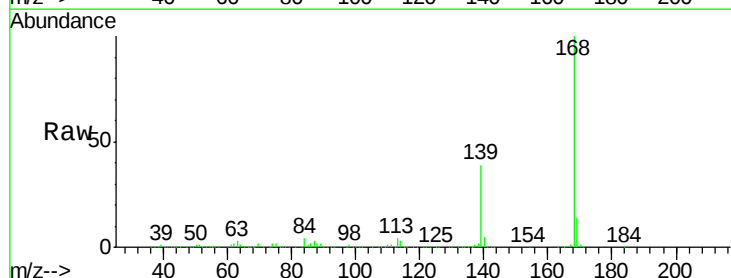
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#54
Dibenzofuran
Concen: 41.69 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:168 Resp: 1589365
Ion Ratio Lower Upper
168 100
139 38.8 30.5 45.7
169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 67.71 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

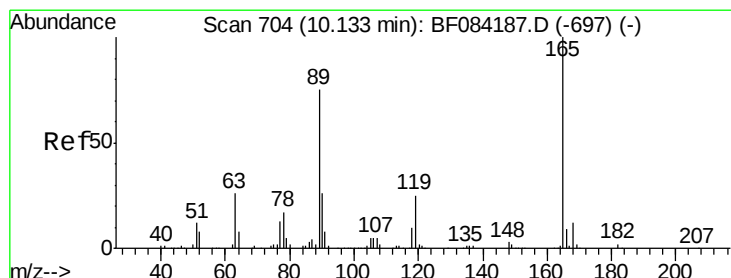
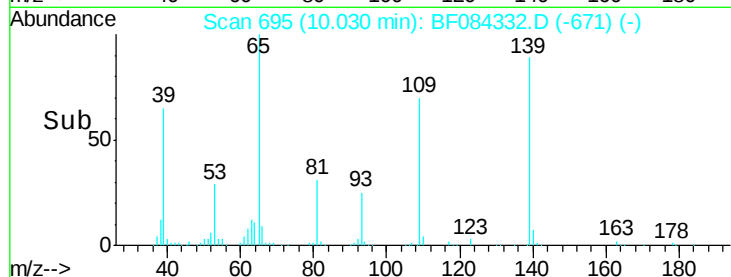
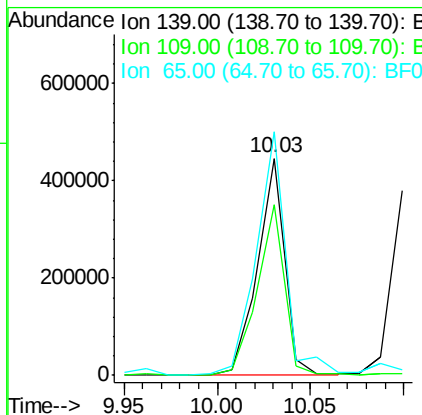
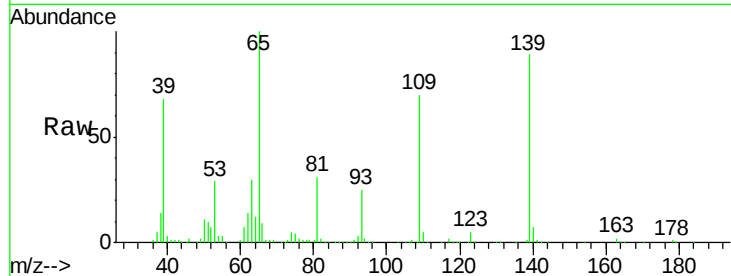
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Tgt Ion:	139	Resp:	452019
Ion Ratio	Lower	Upper	
139	100		
109	78.6	58.5	98.5
65	112.3	57.6	97.6#



#56

2,4-Dinitrotoluene

Concen: 39.34 ng

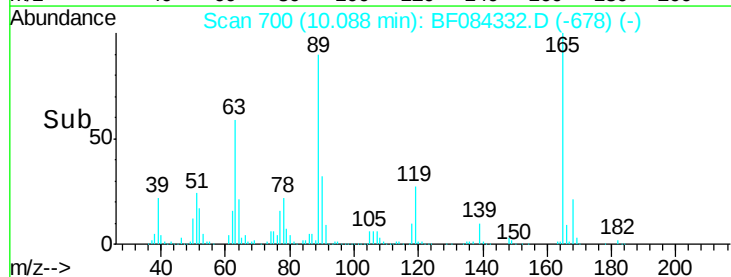
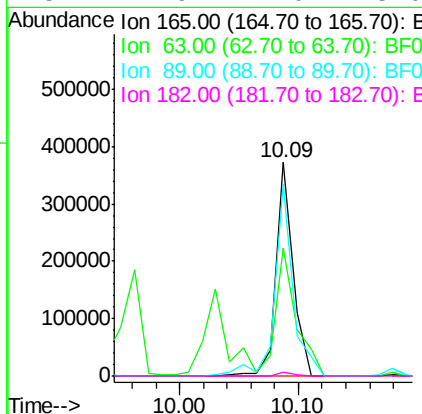
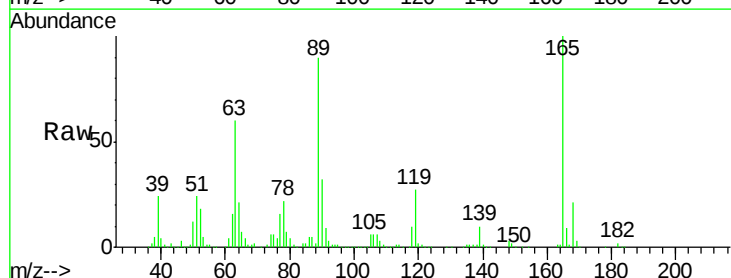
RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	165	Resp:	369522
Ion Ratio	Lower	Upper	
165	100		
63	60.0	36.7	55.1#
89	89.8	61.9	92.9
182	1.9	2.0	3.0#





#57

Fluorene

Concen: 41.20 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

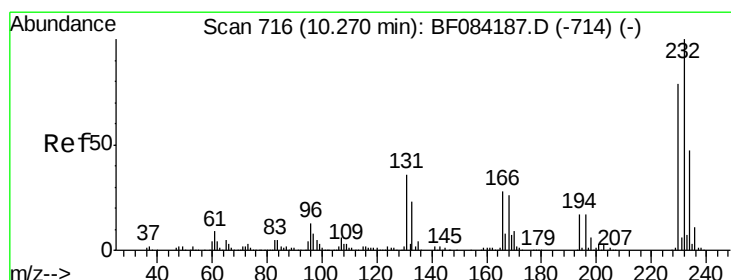
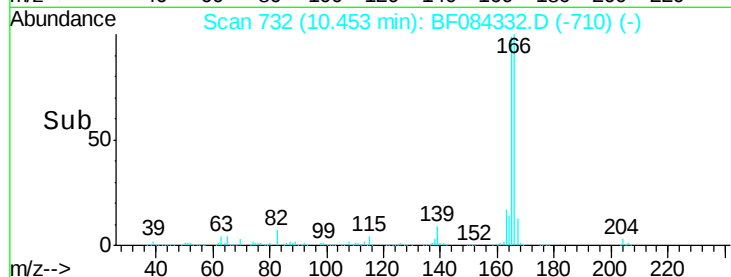
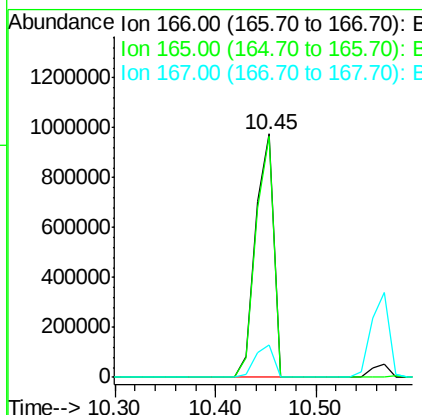
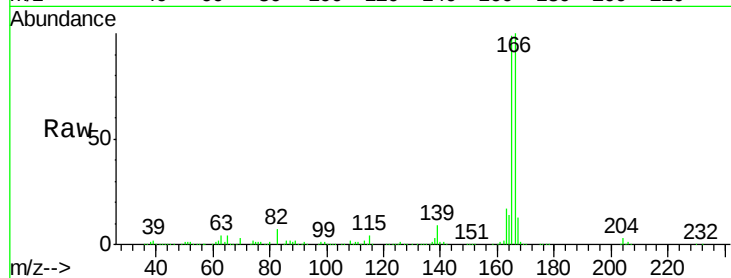
PB87699BS

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Tgt Ion:	166	Resp:	1214198
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.1	118.7
167	13.5	10.4	15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.42 ng

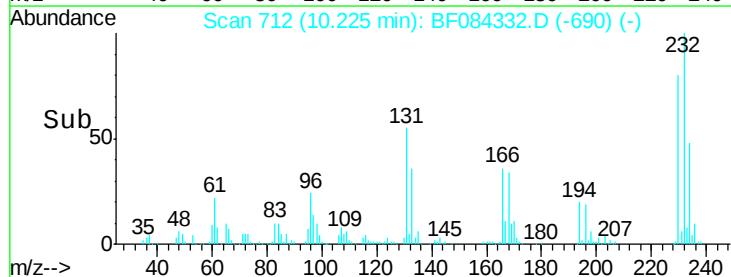
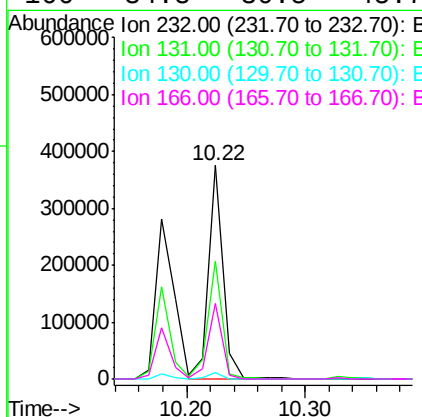
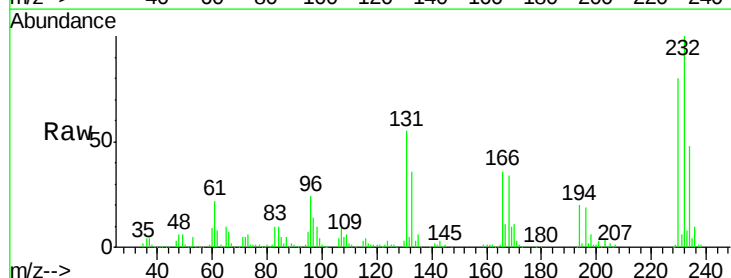
RT: 10.22 min Scan# 712

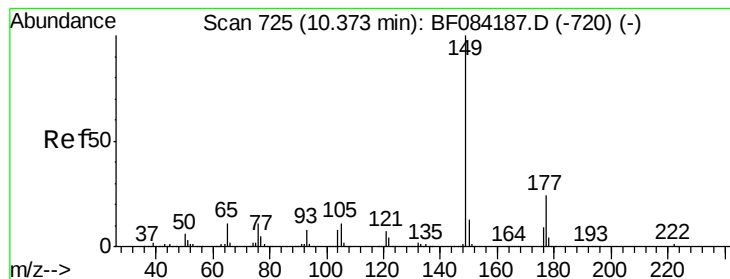
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	232	Resp:	320132
Ion Ratio	Lower	Upper	
232	100		
131	54.6	47.0	70.6
130	2.9	2.0	3.0
166	34.8	30.5	45.7





#59

Diethylphthalate

Concen: 38.91 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

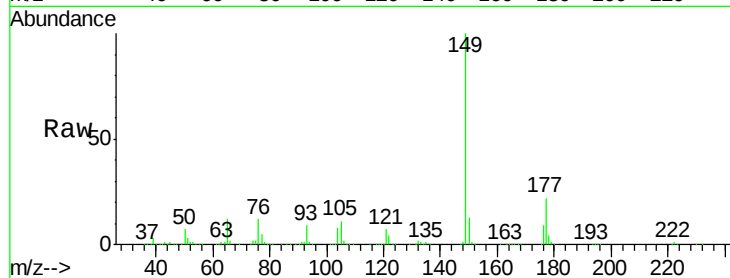
PB87699BS

Manual Integrations
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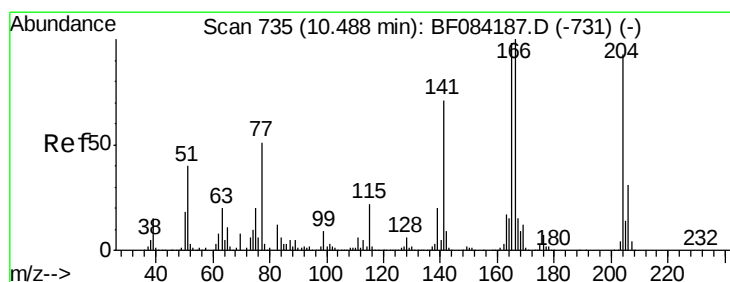
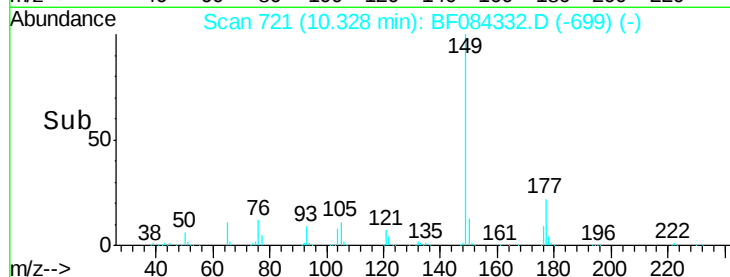
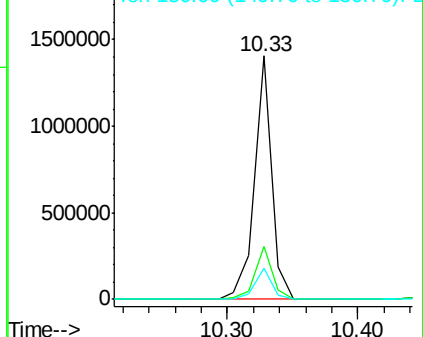
Tgt Ion:	149	Resp:	1298105
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.3	25.9
150	12.9	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.88 ng

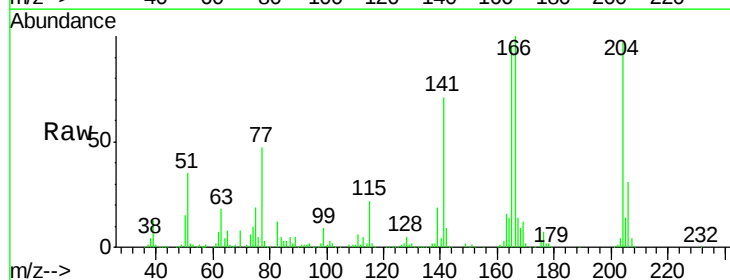
RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

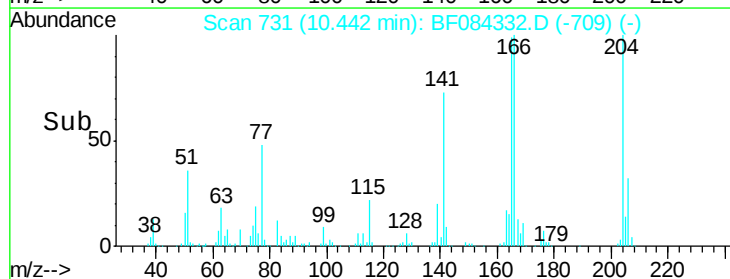
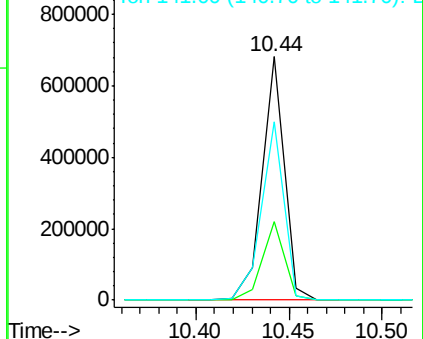
Tgt Ion:	204	Resp:	555583
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.7	38.5
141	73.4	55.1	82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.13 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

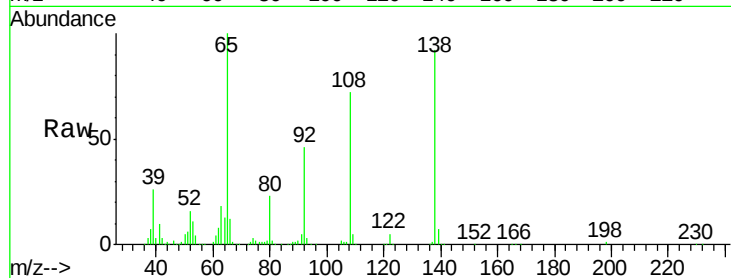
ClientSampleId :

PB87699BS

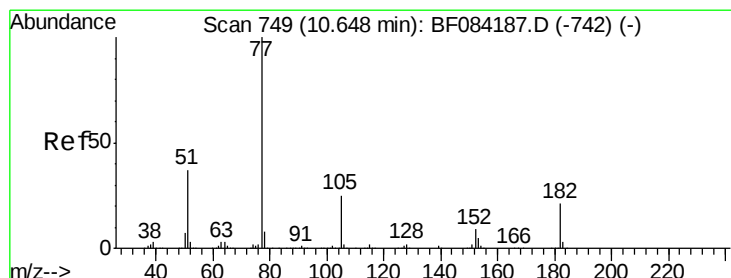
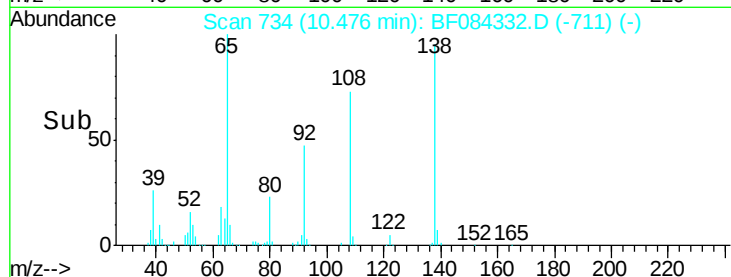
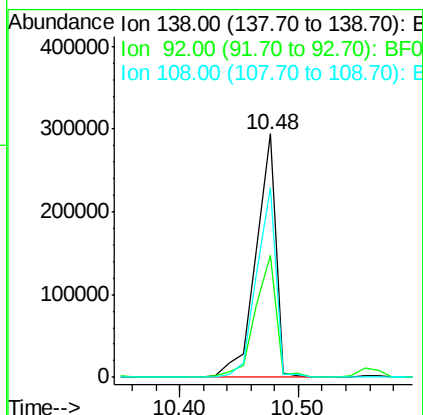
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Tgt Ion:	138	Resp:	345360
Ion Ratio	Lower	Upper	
138	100		
92	50.1	32.6	72.6
108	78.1	68.6	108.6



#62

Azobenzene

Concen: 40.55 ng

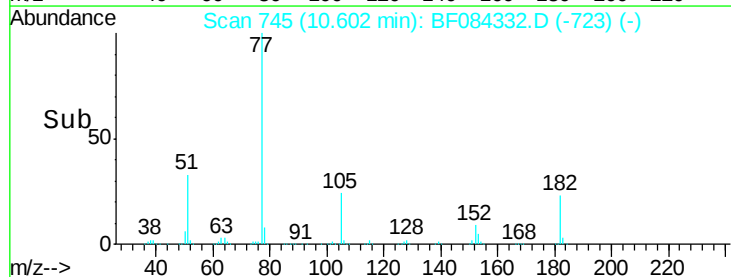
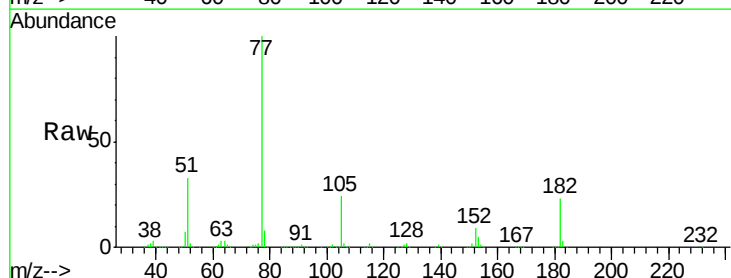
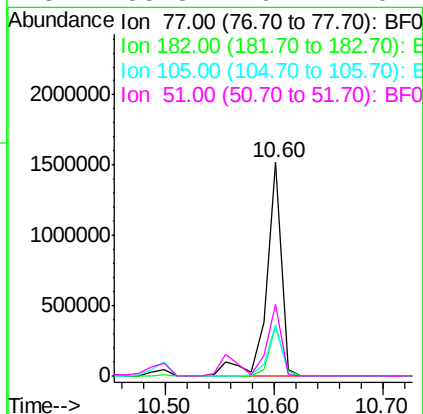
RT: 10.60 min Scan# 745

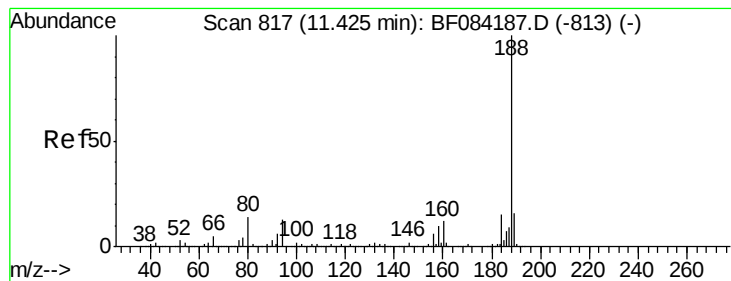
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	77	Resp:	1483761
Ion Ratio	Lower	Upper	
77	100		
182	23.2	8.3	48.3
105	24.1	4.6	44.6
51	33.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084332.D

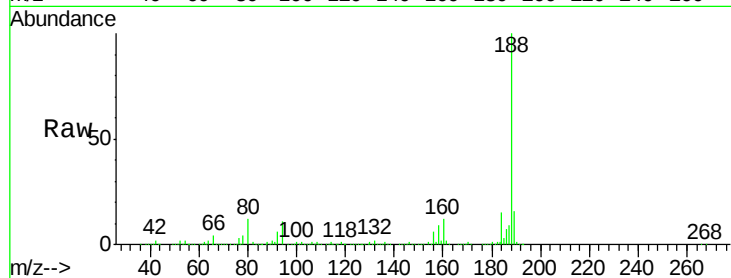
Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampled :

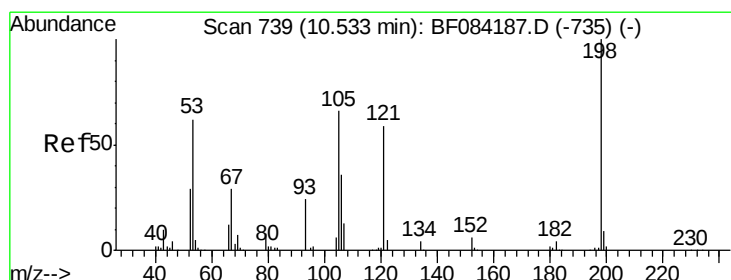
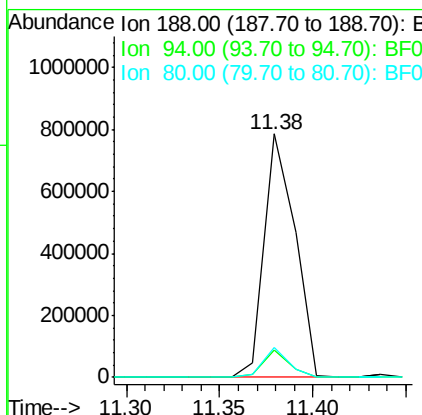
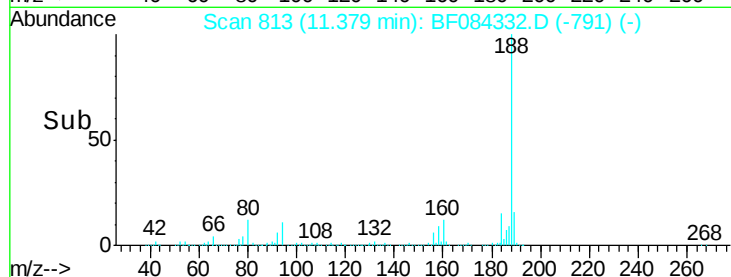
PB87699BS



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	899249		
94	11.0	9.0	13.4	
80	12.5	9.6	14.4	

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#64

4,6-Dinitro-2-methylphenol

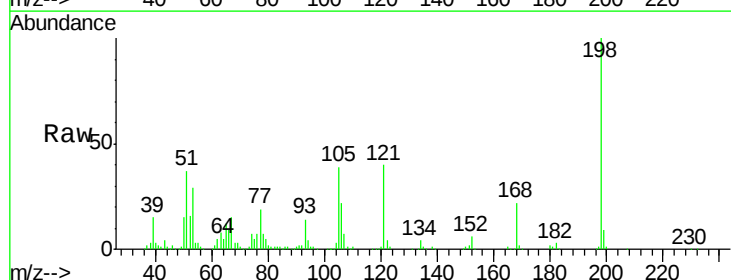
Concen: 38.51 ng

RT: 10.50 min Scan# 736

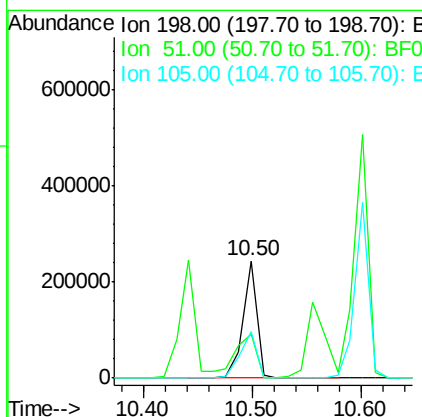
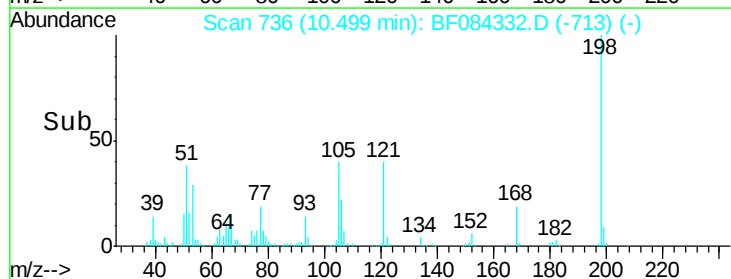
Delta R.T. -0.03 min

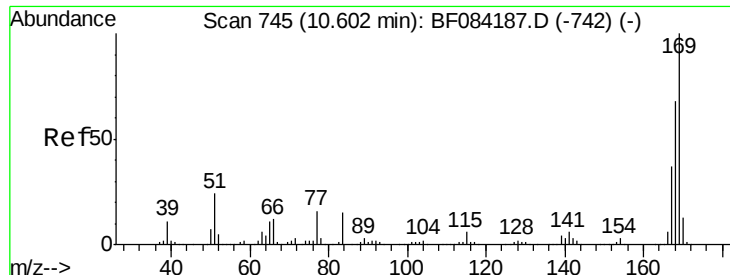
Lab File: BF084332.D

Acq: 8 Jan 2016 17:14



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	211532		
51	37.4	18.9	58.9	
105	39.4	26.4	66.4	





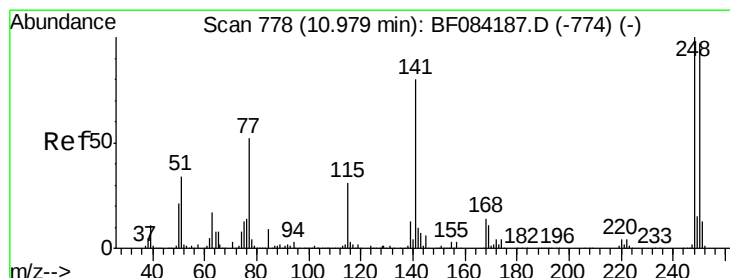
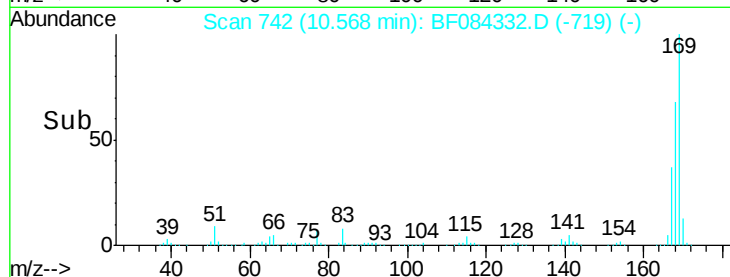
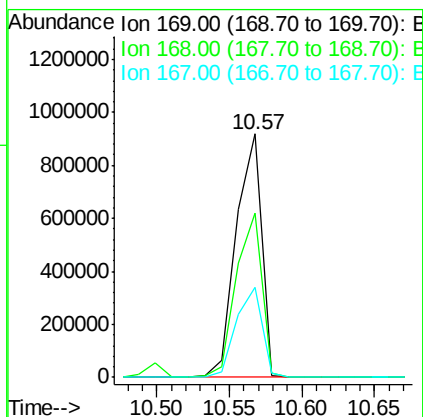
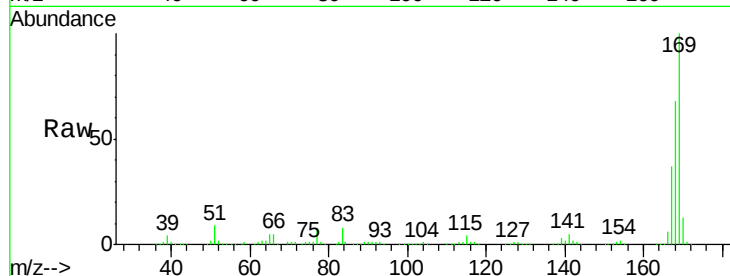
#65
 n-Nitrosodiphenylamine
 Concen: 38.88 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion:169 Resp: 1117809
 Ion Ratio Lower Upper
 169 100
 168 67.6 55.1 82.7
 167 37.0 30.0 45.0

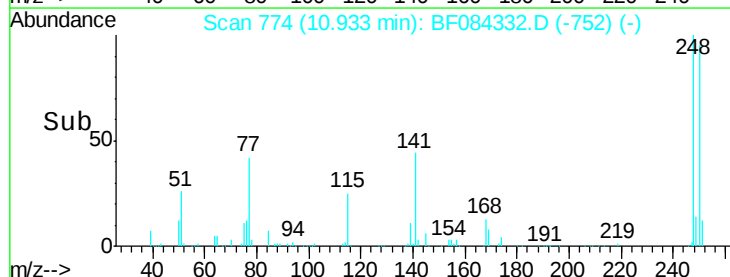
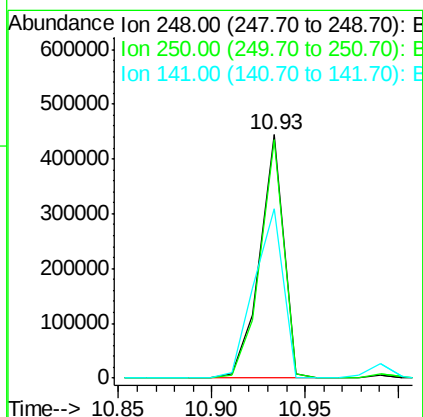
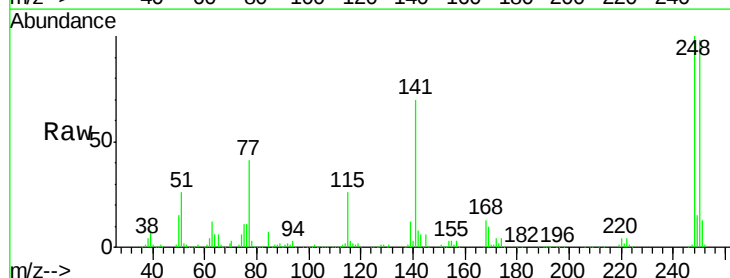
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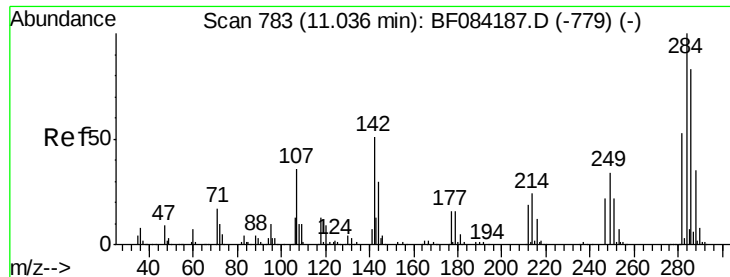
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#66
 4-Bromophenyl-phenylether
 Concen: 40.60 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:248 Resp: 392967
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.4 117.6
 141 69.8 44.0 66.0#





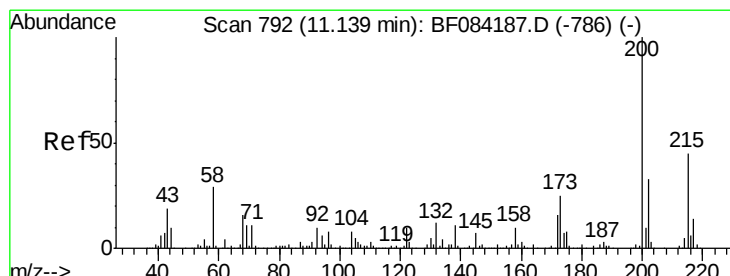
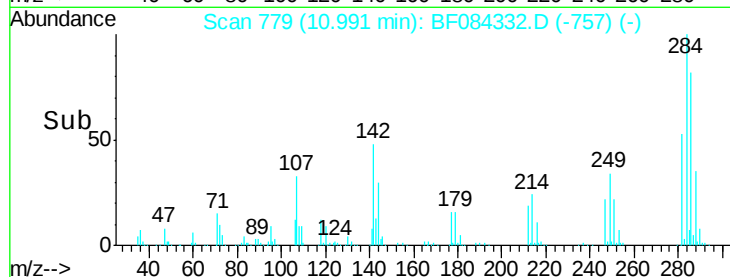
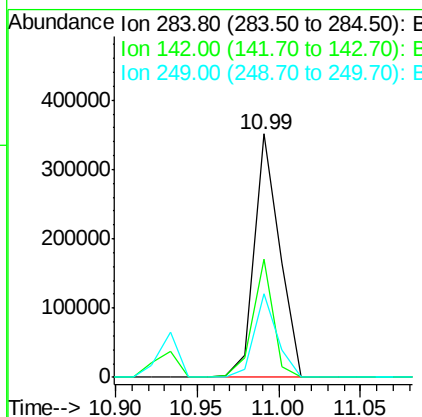
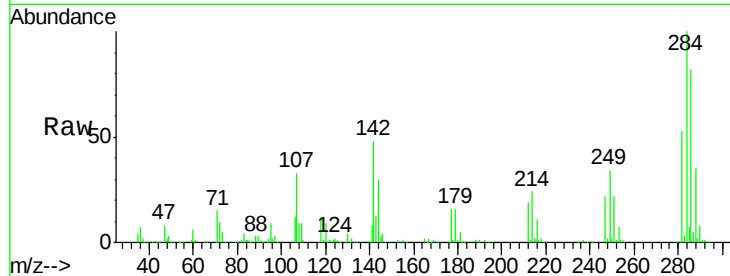
#67
Hexachlorobenzene
Concen: 34.65 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	377494		
142	48.4	22.2	33.4#	
249	34.5	24.6	37.0	

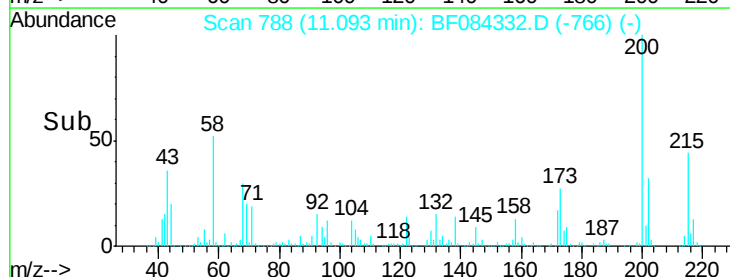
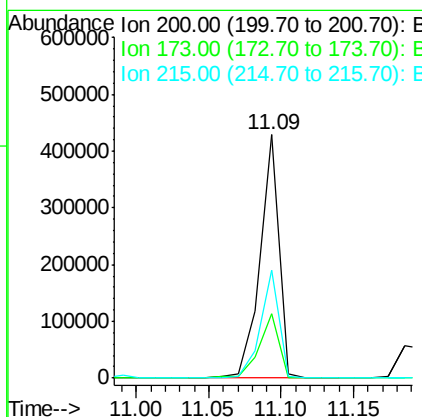
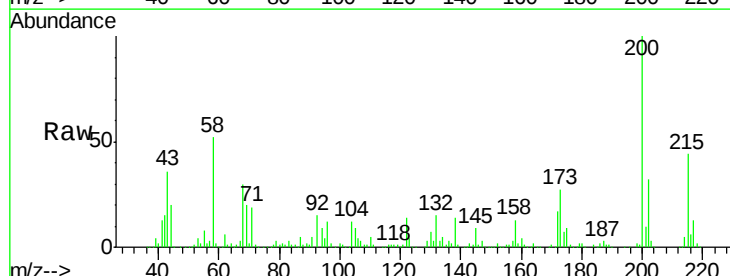
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#68
Atrazine
Concen: 41.17 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	387394		
173	26.7	9.5	49.5	
215	44.3	23.8	63.8	





#69

Pentachlorophenol

Concen: 72.14 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

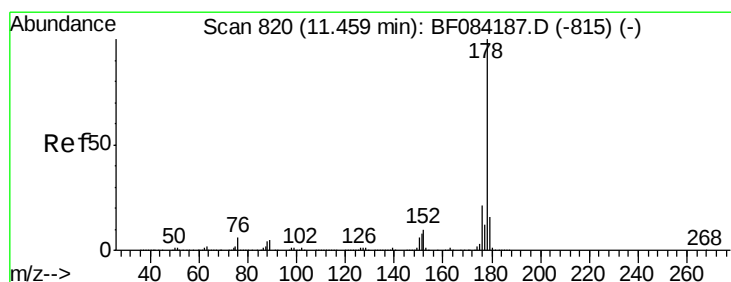
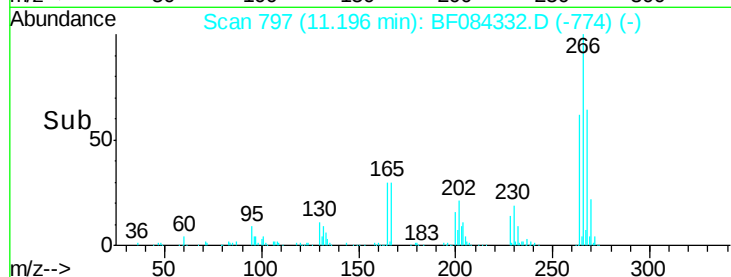
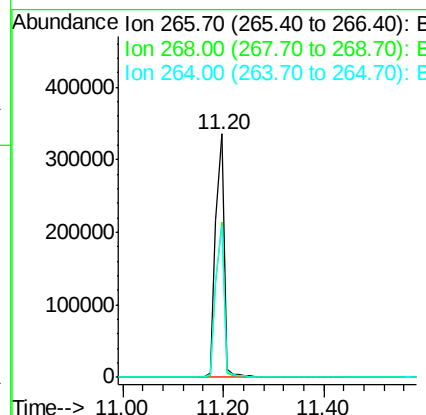
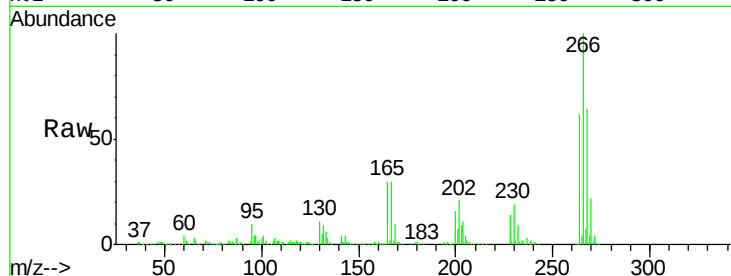
ClientSampleId :

PB87699BS

Tgt Ion:	266	Resp:	407476
Ion Ratio		Lower	Upper
266	100		
268	64.0	52.4	78.6
264	62.3	50.2	75.2

Manual Integrations
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#70

Phenanthrene

Concen: 41.64 ng

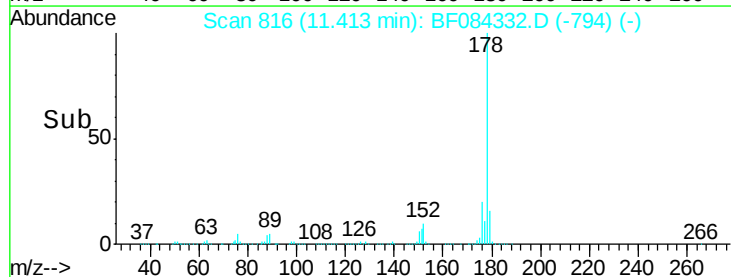
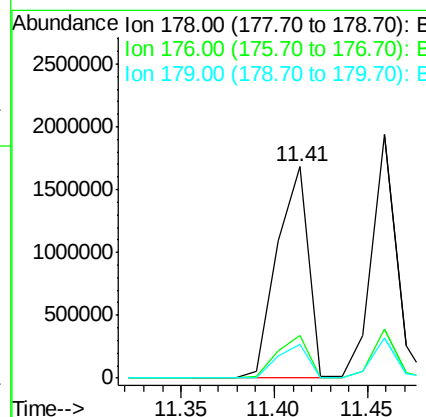
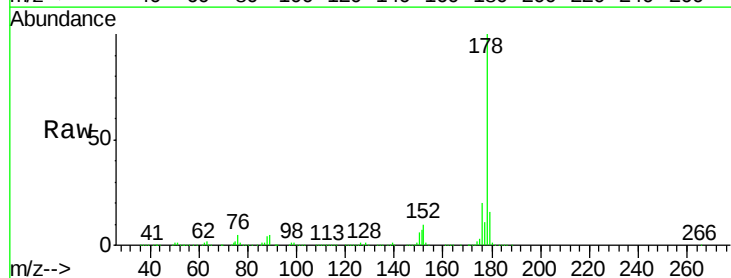
RT: 11.41 min Scan# 816

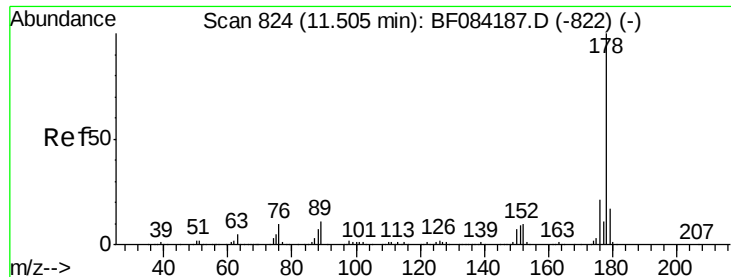
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	178	Resp:	1958766
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.3	22.9
179	15.9	12.0	18.0





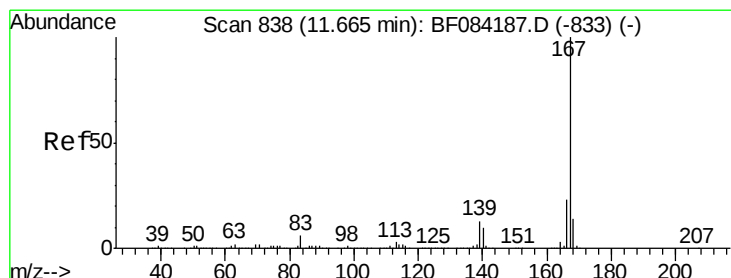
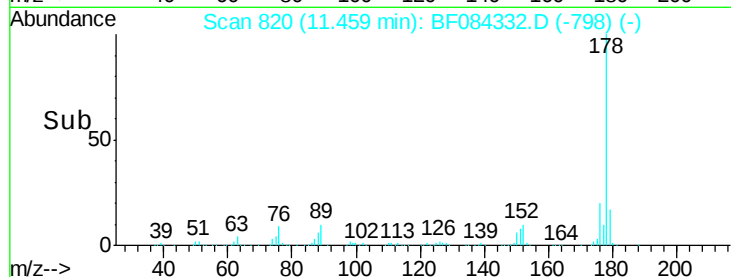
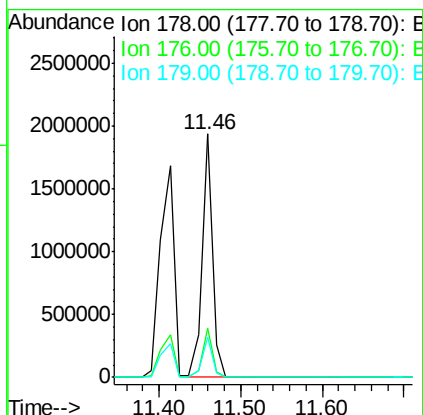
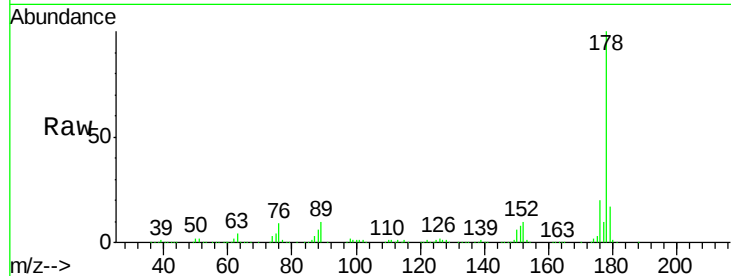
#71
 Anthracene
 Concen: 37.79 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampled :
 PB87699BS

Tgt Ion:178 Resp: 1742378
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.0
 179 16.7 12.5 18.7

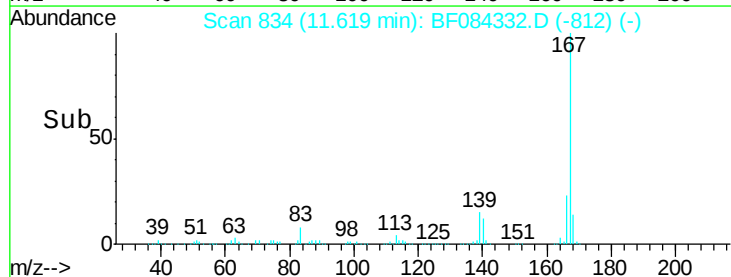
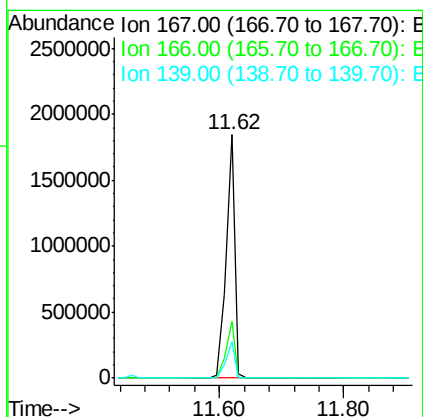
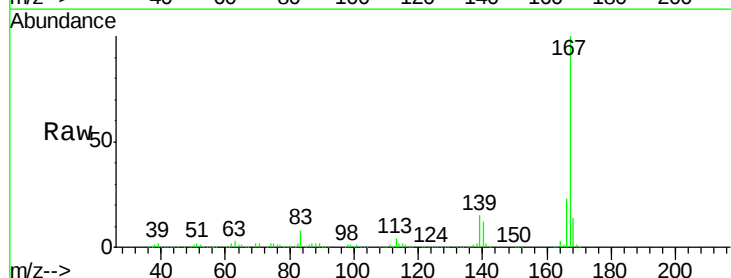
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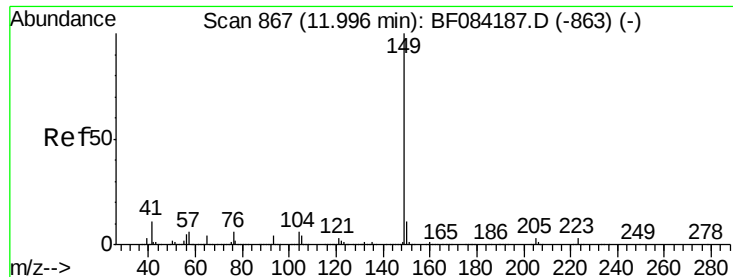
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#72
 Carbazole
 Concen: 39.00 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:167 Resp: 1757968
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.6 26.4
 139 14.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.73 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

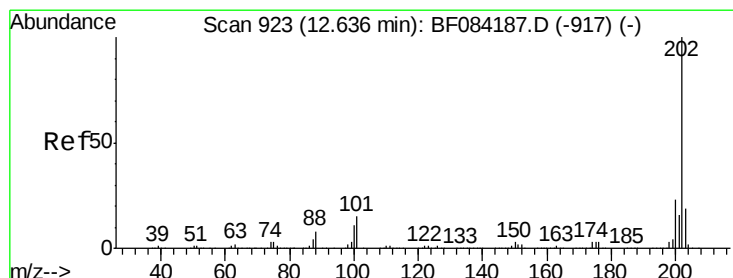
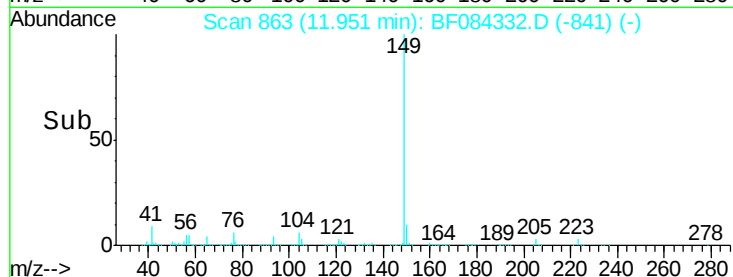
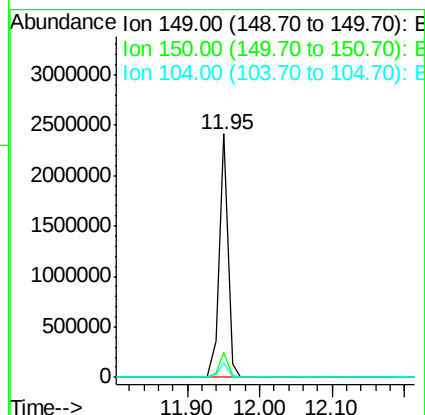
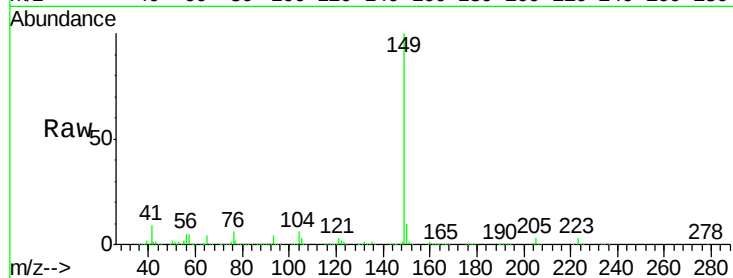
PB87699BS

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Tgt Ion:149 Resp: 2000455
Ion Ratio Lower Upper
149 100
150 10.1 7.1 10.7
104 6.2 3.2 4.8#



#74

Fluoranthene

Concen: 37.48 ng

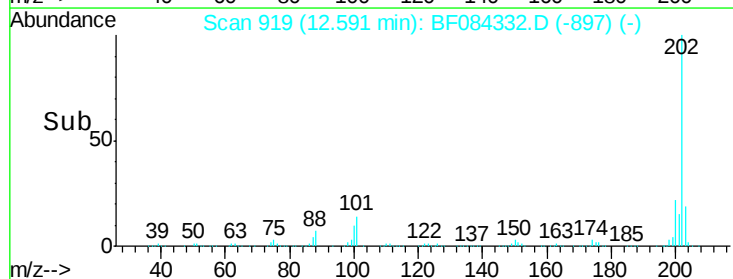
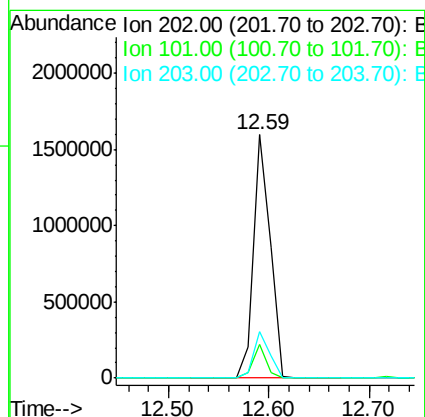
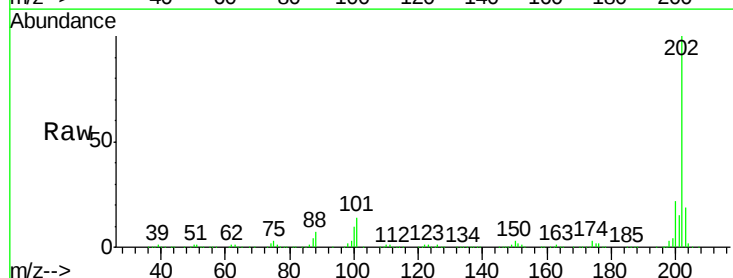
RT: 12.59 min Scan# 919

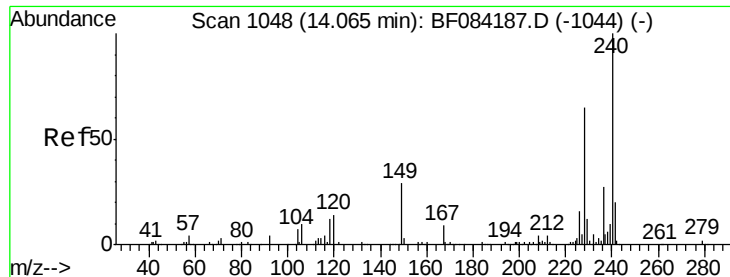
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:202 Resp: 1841665
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.8
203 18.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

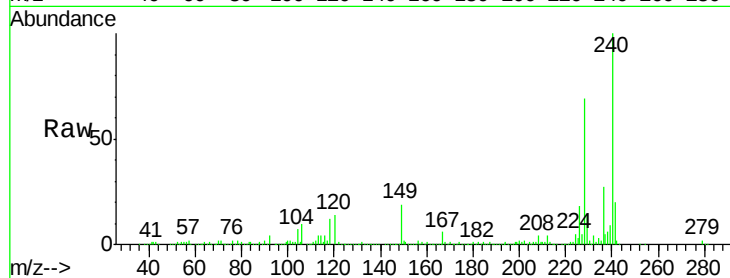
ClientSampleId :

PB87699BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	688375		
120	13.5	9.5	14.3	
236	26.7	20.6	31.0	

Manual Integrations
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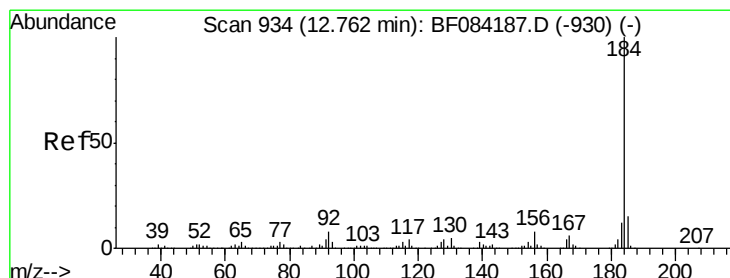
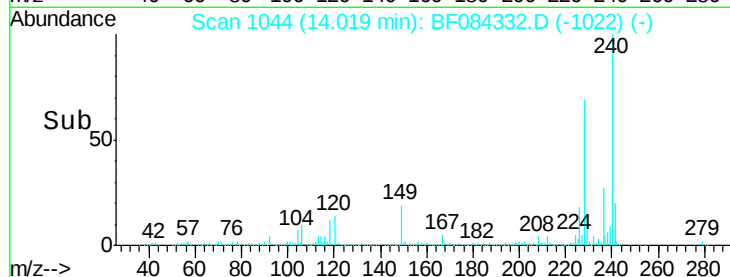
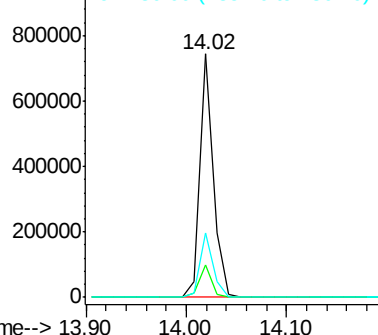
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.07 ng

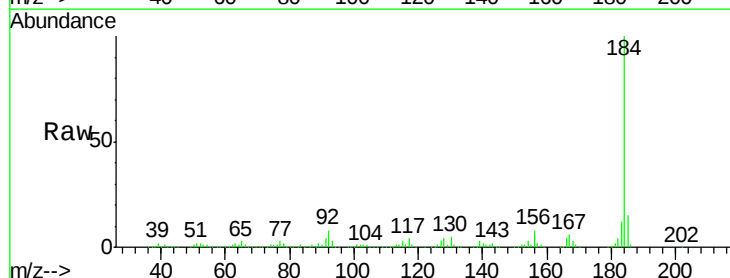
RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

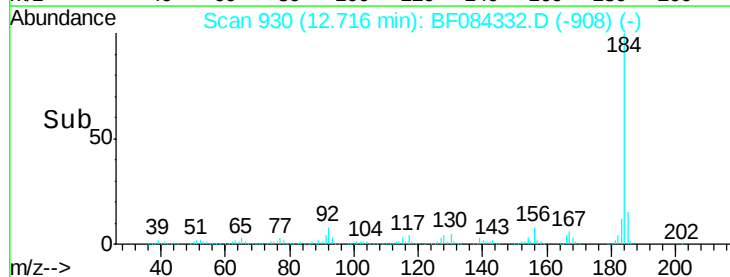
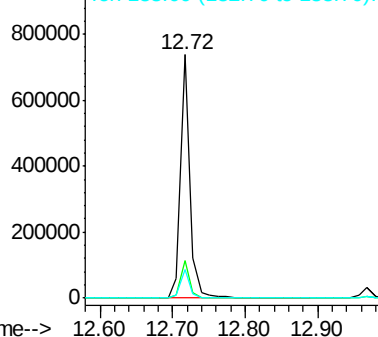
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	668236		
185	15.2	12.2	18.2	
183	11.9	9.8	14.8	

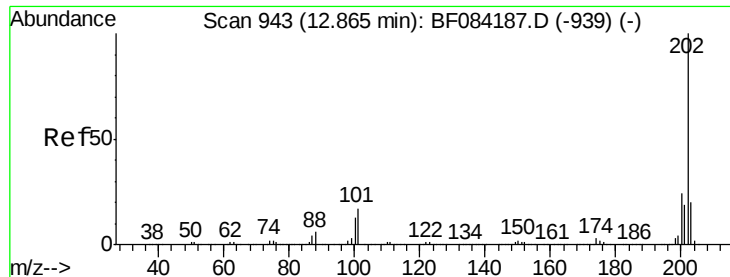


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





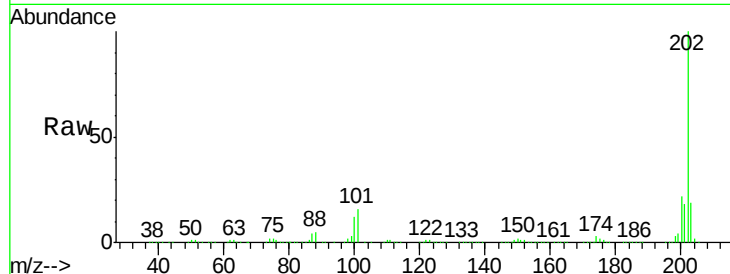
#77
 Pyrene
 Concen: 34.51 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

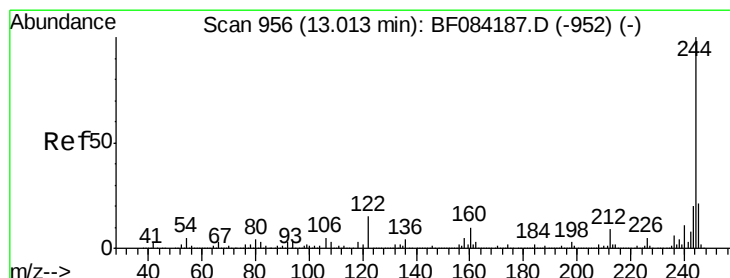
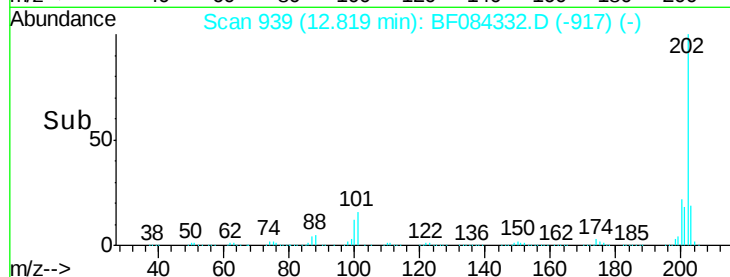
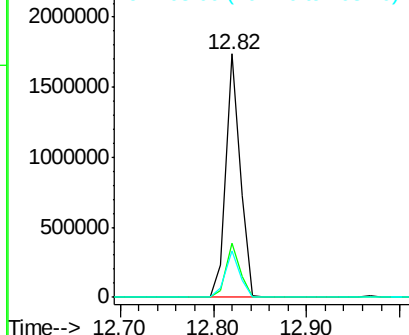
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.2	25.8
203	18.8	14.3	21.5

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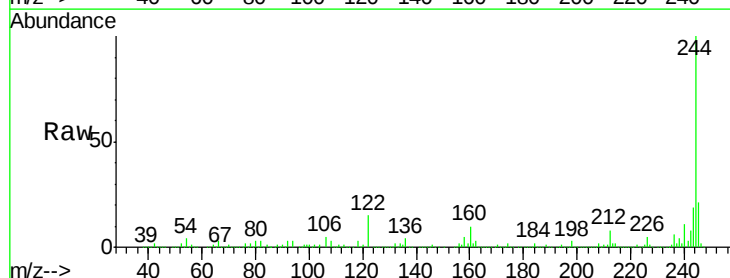


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

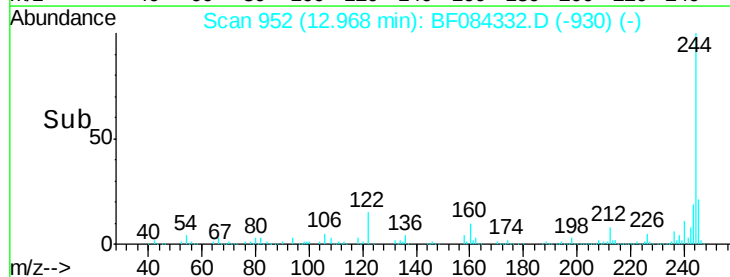
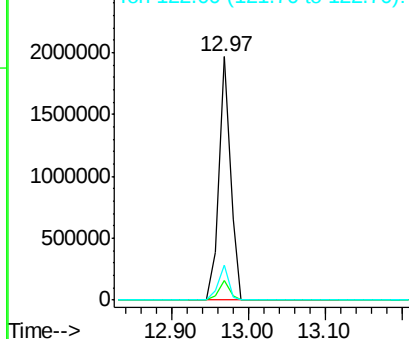


#78
 Terphenyl-d14
 Concen: 67.51 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	14.5	7.4	11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





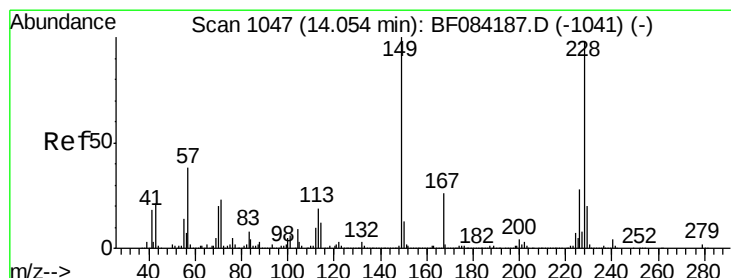
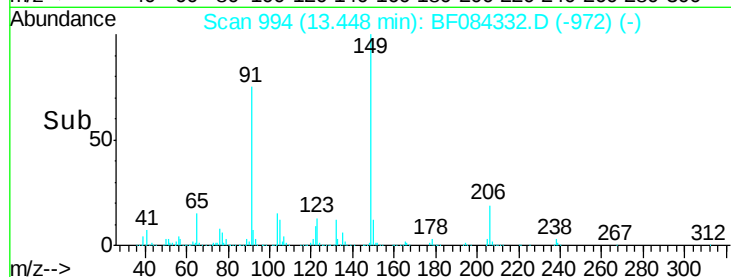
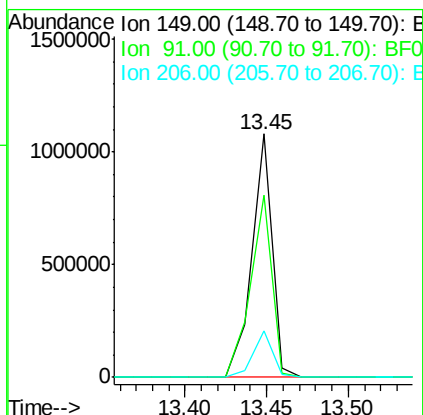
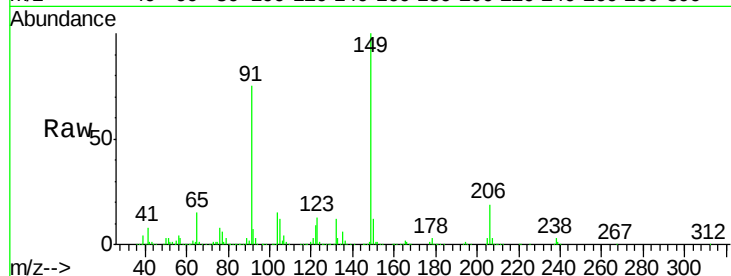
#79
Butylbenzylphthalate
Concen: 40.03 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	935683		
91	74.6	57.6	86.4	
206	19.2	13.2	19.8	

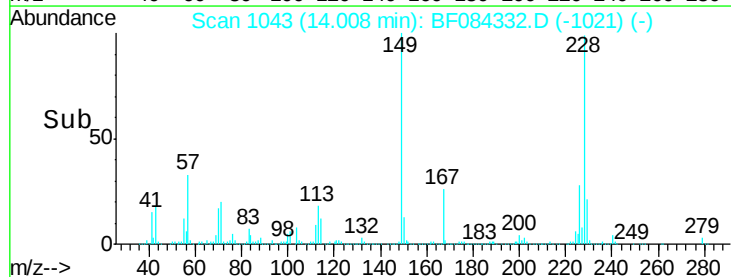
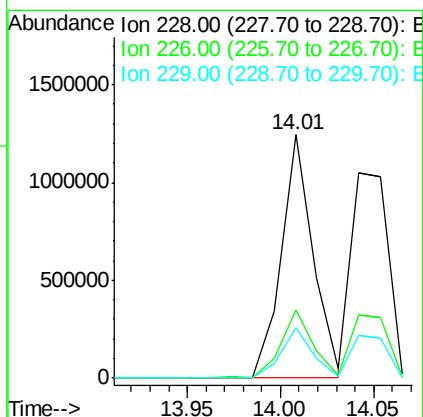
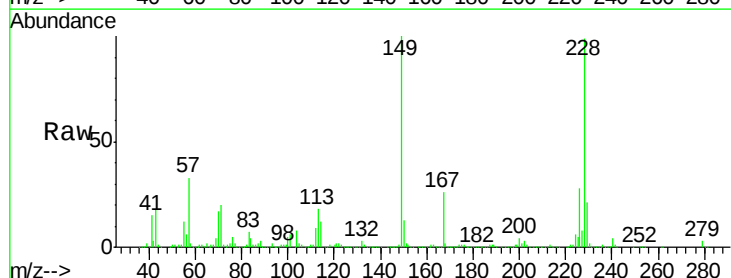
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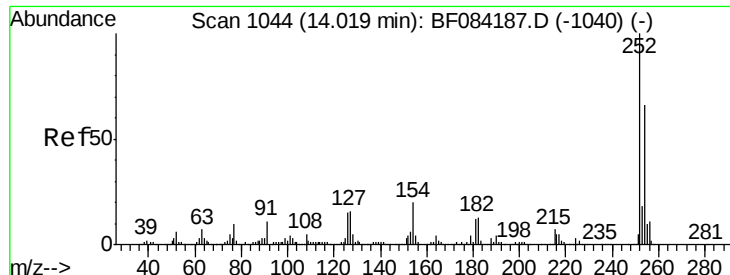
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#80
Benzo(a)anthracene
Concen: 36.53 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1476713		
226	28.1	21.8	32.6	
229	20.9	15.8	23.8	





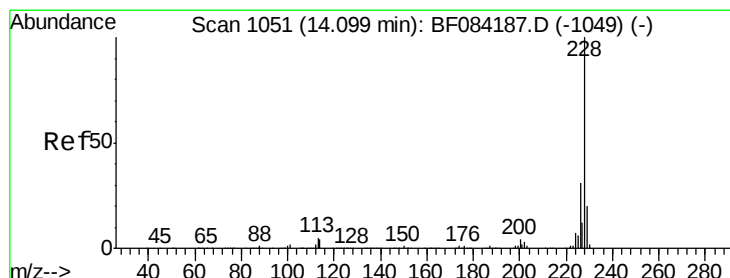
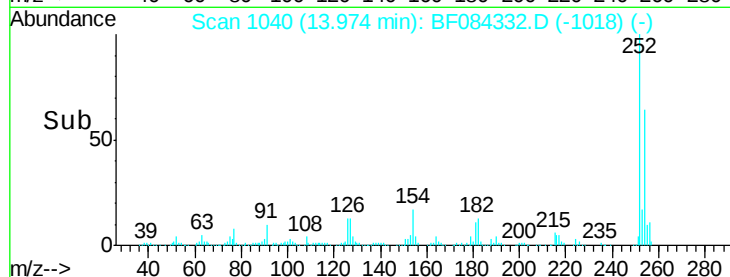
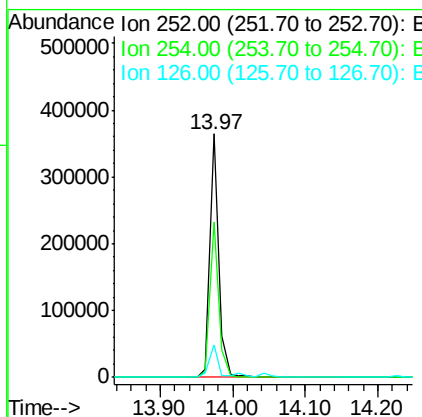
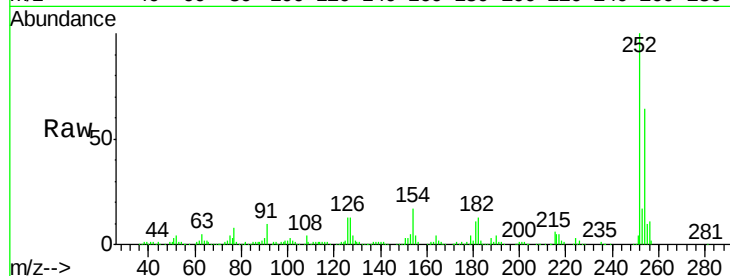
#81
 3,3'-Dichlorobenzidine
 Concen: 22.09 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.6	53.5	80.3
126	13.4	4.9	7.3

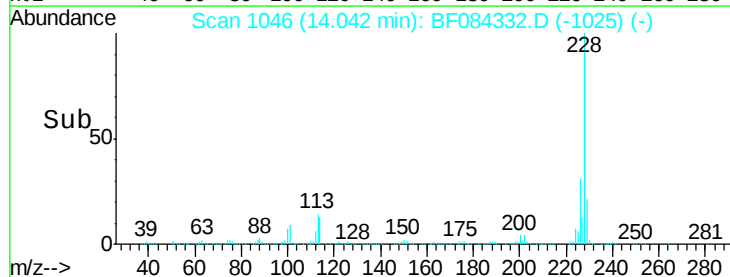
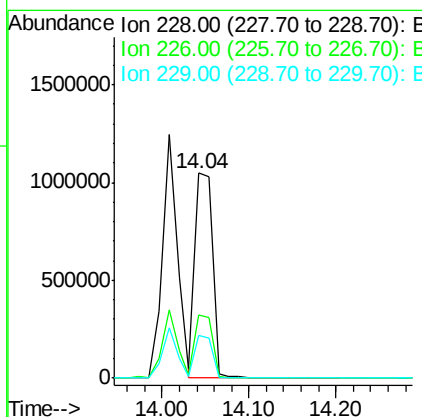
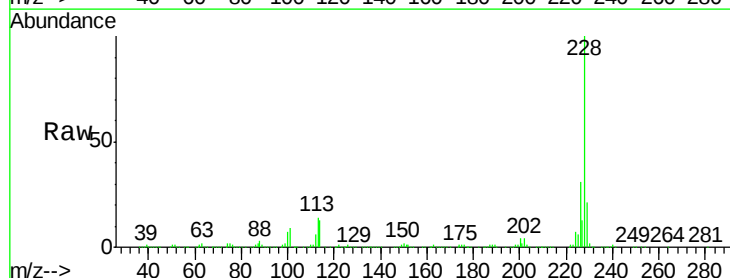
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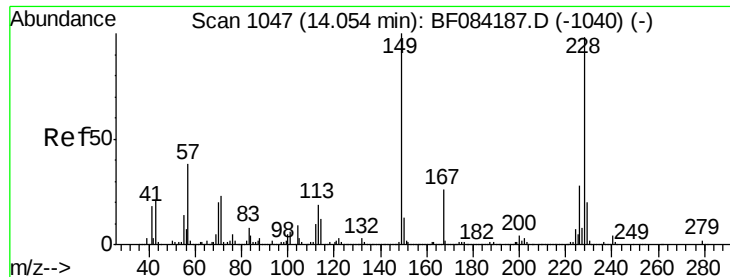
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#82
 Chrysene
 Concen: 37.62 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	24.3	36.5
229	20.6	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.64 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion:149 Resp: 1111652

Ion Ratio Lower Upper

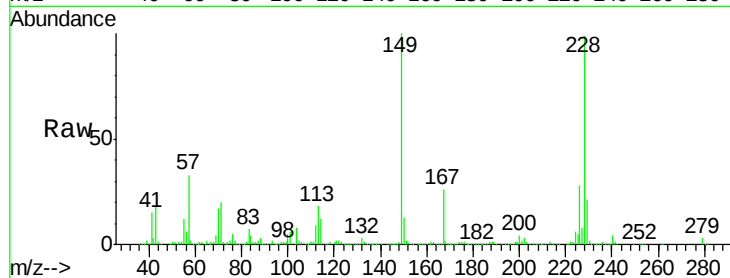
149 100

167 25.6 19.7 29.5

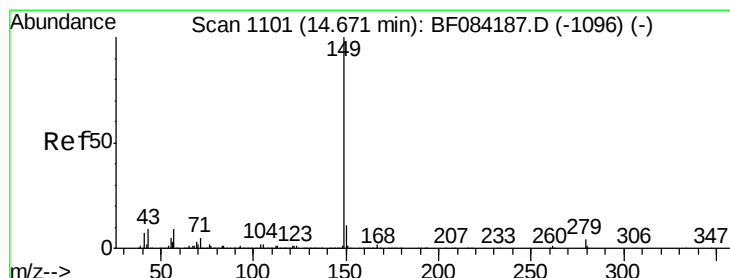
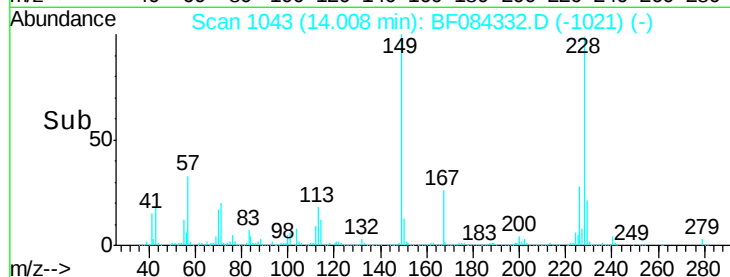
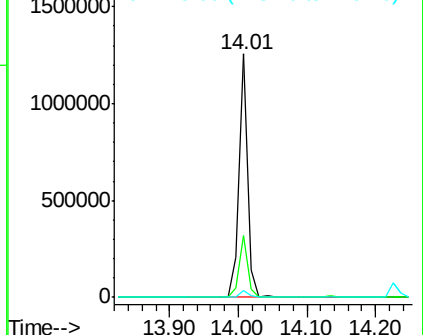
279 2.7 1.8 2.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.85 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

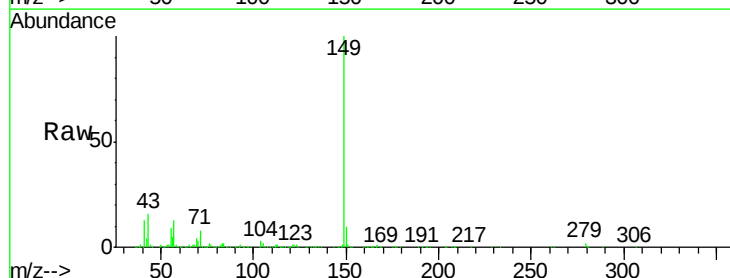
Tgt Ion:149 Resp: 1887264

Ion Ratio Lower Upper

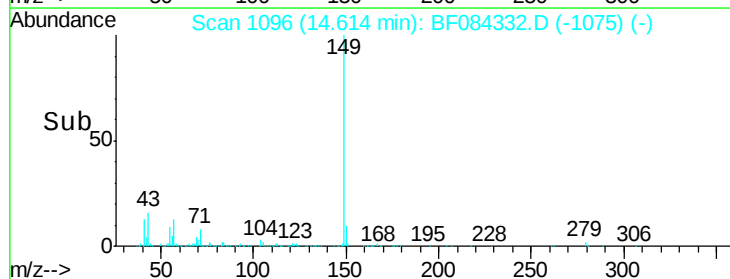
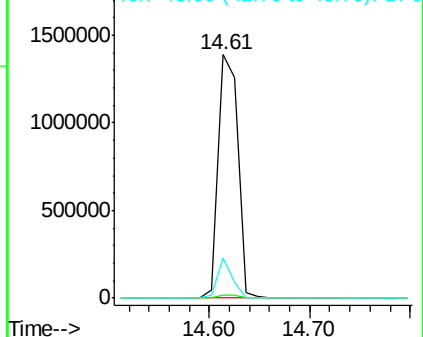
149 100

167 1.6 1.2 1.8

43 12.0 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.32 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion:276 Resp: 1149168

Ion Ratio Lower Upper

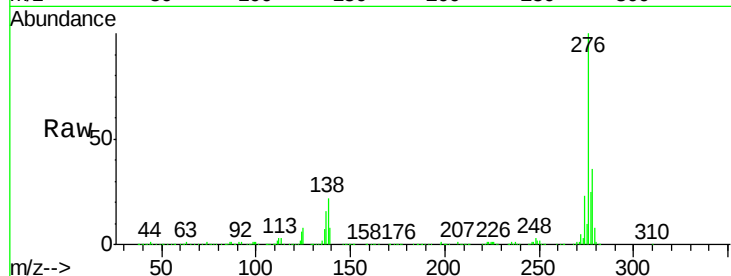
276 100

138 25.6 20.6 30.8

277 25.2 20.1 30.1

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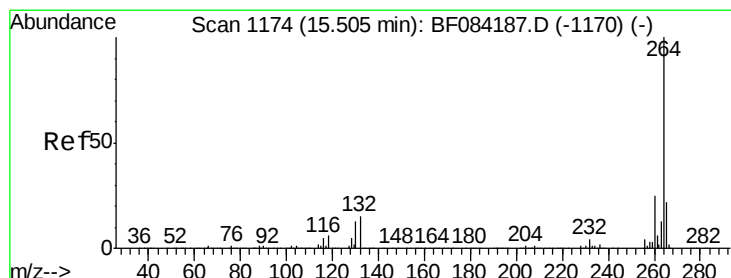
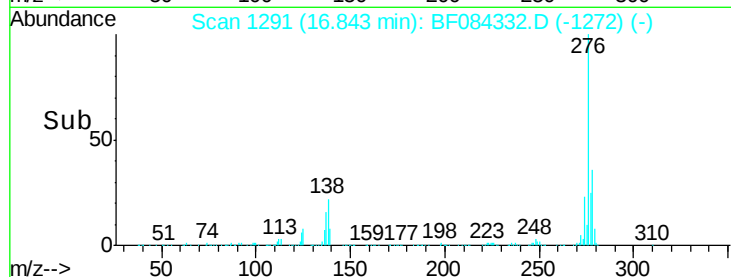
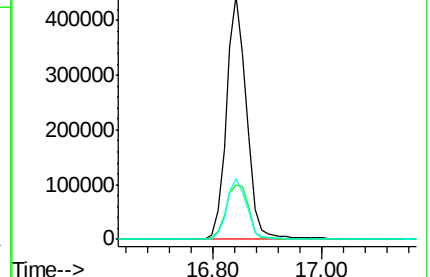
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

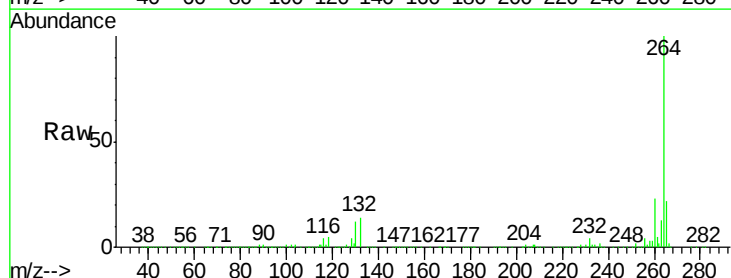
Tgt Ion:264 Resp: 553245

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

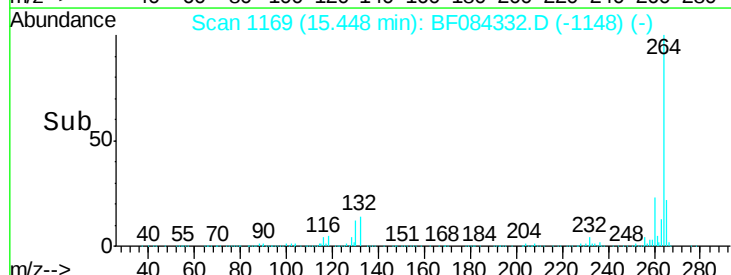
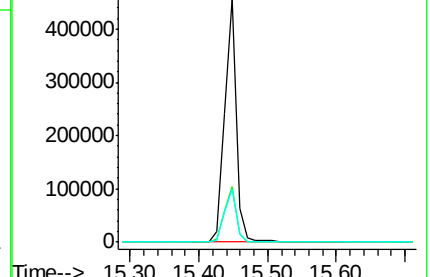
265 21.9 17.8 26.6

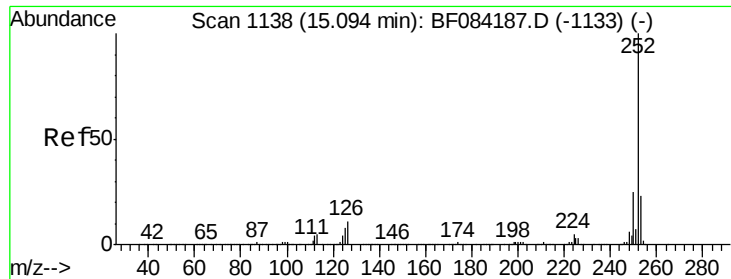


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.04 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

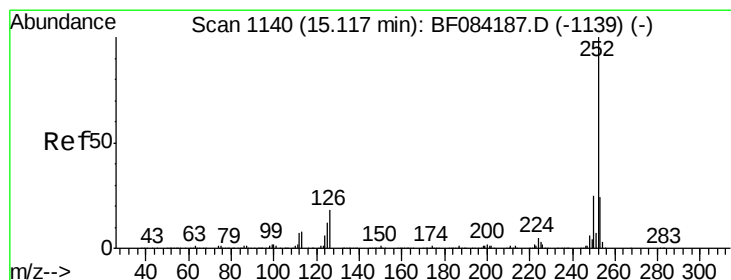
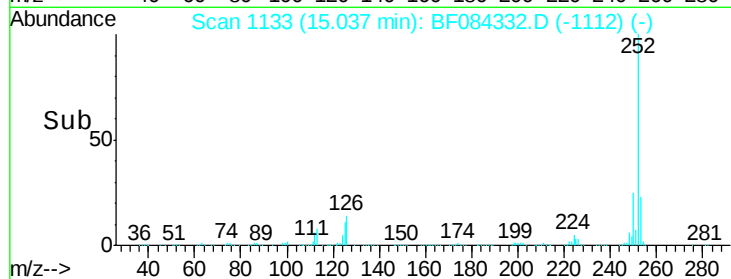
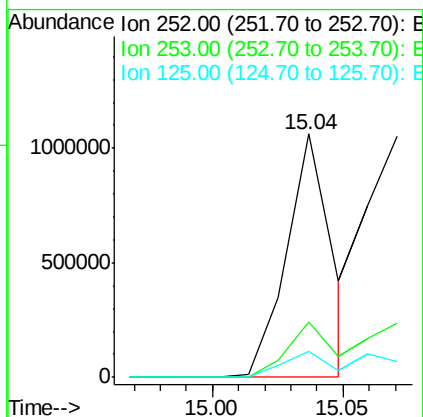
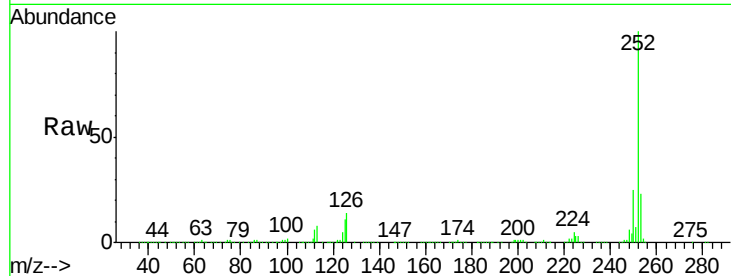
ClientSampled :

PB87699BS

Tgt Ion:	252	Resp:	1268093
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	10.8	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 44.58 ng m

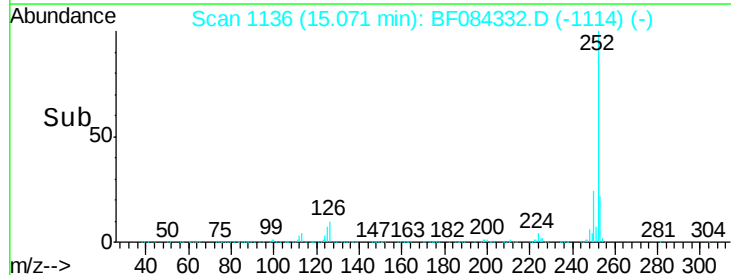
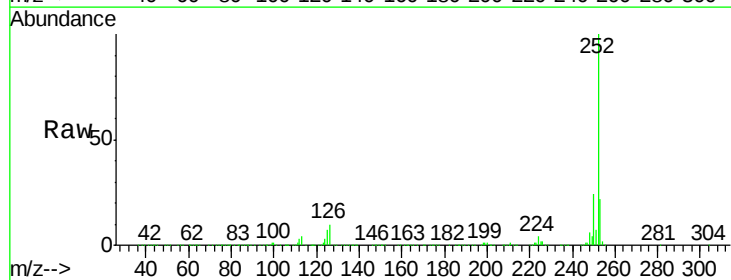
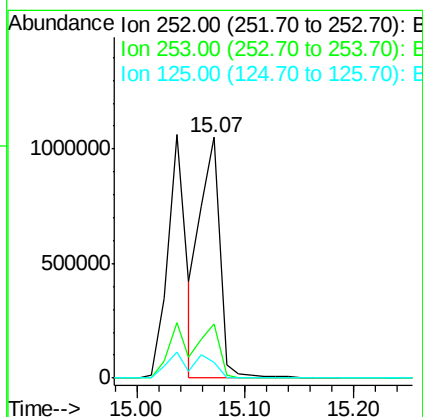
RT: 15.07 min Scan# 1136

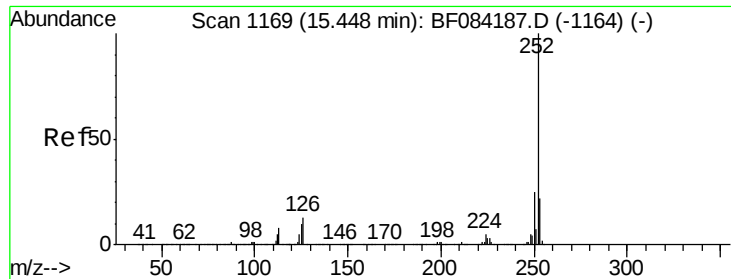
Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:	252	Resp:	1319589
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	6.5	9.0	13.6#





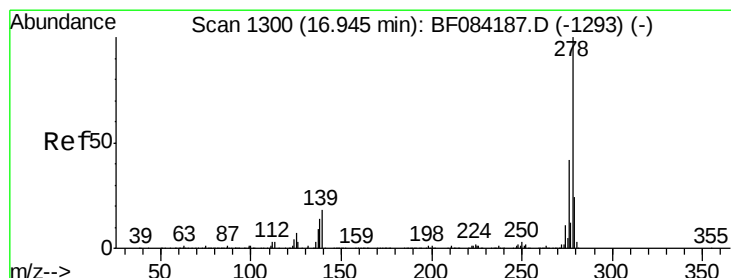
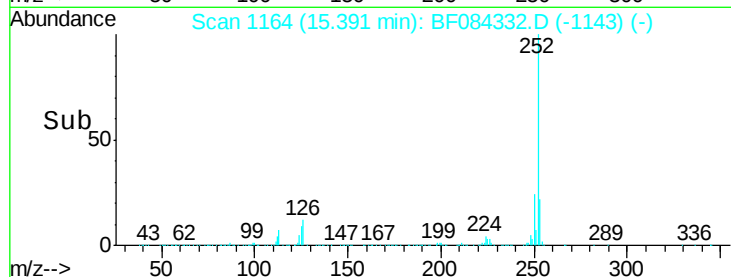
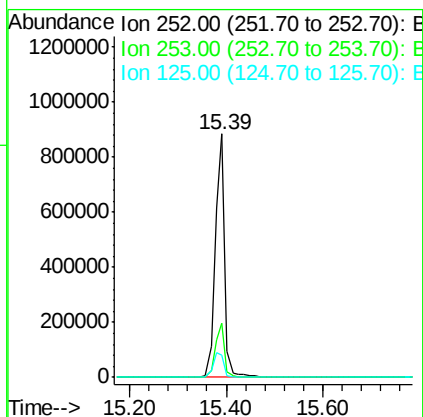
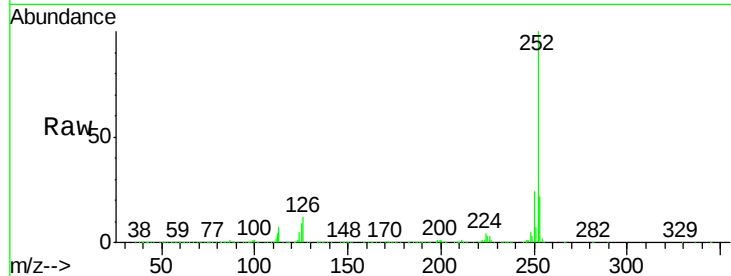
#89
Benzo(a)pyrene
Concen: 39.50 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion: 252 Resp: 1212514
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.9 7.0 10.4

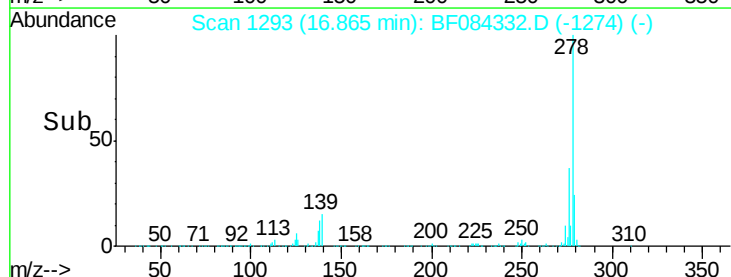
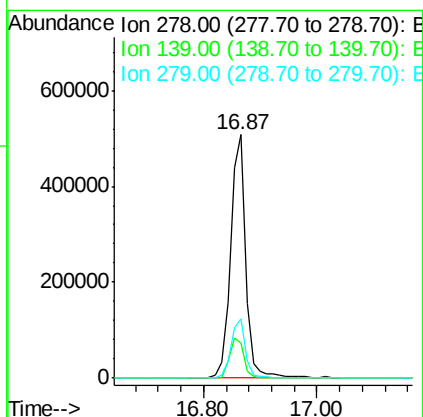
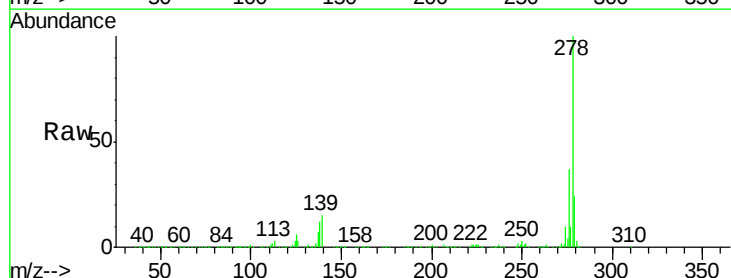
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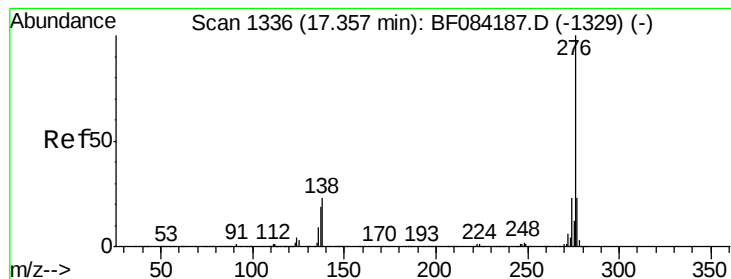
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#90
Dibenzo(a,h)anthracene
Concen: 36.13 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 278 Resp: 954437
Ion Ratio Lower Upper
278 100
139 14.5 15.0 22.4#
279 24.4 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 35.51 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.09 min

Lab File: BF084332.D

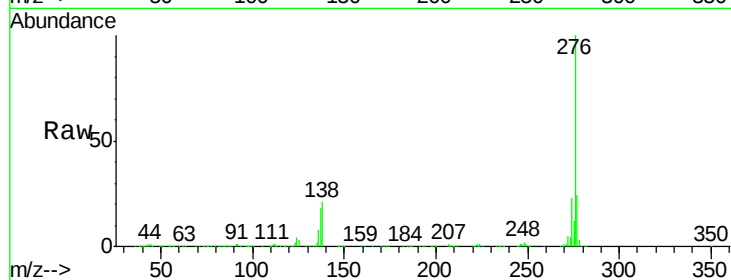
Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS



Tgt Ion:	276	Resp:	971454
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	21.3	17.8	26.6

Manual Integrations
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